WINDOWS "GUI" & WINDOWS "CHARACTER-BASED" INSTALLATION GUIDE

This chapter of the **Installation Guide** is designed to specifically provide you with complete installation instructions when installing **Infinity POWER** in a Single-User operating environment or on a Local Area Network **(LAN)**. This installation guide contains instruction for both the Windows **"Character-based"** product and Windows **"Graphical User Interface"** or **"Windows GUI"** product. The **"Character-based"** product looks and feels exactly like our former **DOS/LAN** products of prior versions. However, the software engines underneath these programs have been completely redesigned to exclusively operate in a **Windows 2000/XP/2003/Vista/Windows 7** operating environment.

At the end of the installation section, there are also specific instructions on what is necessary to install the software on a **Microsoft SQL Server 2005** or **2008** platform. For regular users, the standard selection when prompted for a **"database selection"** is **"FoxPro."** However, for more advanced users seeking higher levels of data security and data mining features, the **Infinity POWER** applications will operate the exact same way by simply selecting the **MS SQL Database** option. This does require an additional purchase of **Microsoft SQL Server** software sold separately.

All versions of **Infinity POWER WILL NOT** operate on any version of **DOS**.

NOTE

All users, including the **POWERServer** user**, MUST** be logged out of the accounting system prior to performing any accounting software upgrades/updates. Also, the **POWERServer MUST** be completely shut down.

HARDWARE/SOFTWARE REQUIREMENTS

All **Infinity POWER Windows** modules require the following hardware and software specifications. If your computer system does not meet these specific requirements, you may encounter a wide range of problems. Make sure that your system has the items listed here or check with your hardware dealer to verify your system configuration.

- **Most Intel Pentium-based systems**
- **Minimum of 512 MB RAM Memory for Infinity POWER programs**
- **500 MB Hard Disk**
- **Windows 2000/XP/2003/Vista/Windows 7**
- **Microsoft SQL Server 2005 / 2008**

Printer Requirements:

The system requires a printer that prints **132** columns in normal pitch or compressed print. Check your printer manual for details.

Computers Supported:

- Most Intel Pentium/AMD-based PC systems

Networks Supported:

- **Windows 2000/XP/2003/Vista/Windows 7** and most other **"Share"** compatible networks.
- **Microsoft SQL Server 2005 / 2008**

NOTE

Other Local Area Networking products are **"known"** to work with **Infinity POWER Windows** products. However, since they have not been officially certified by **Data Pro Accounting Software** and documented for in-house support, no warranty or guarantee of support can be made.

Data Pro Accounting Software will attempt to provide billable support for these products, but no warranty can be made on them, or other products supporting the Windows 32-bit application mode, at this time. Vendors seeking officially supported status should contact the Data Pro Development Group directly.

SETUP.EXE

(FOR WINDOWS GUI AND CHARACTER-BASED INSTALLATION)

This function pertains to initial installations and update/upgrade installations.

You **MUST** have a Registration File to complete the installation of your software. If you are connected to the Internet, you can register your software online during the installation process. If you do not have Internet access, you must request a Registration File be sent to you Prior to Installation.

If your accounting server is **NOT** connected directly to the Internet where this Registration File may be downloaded during the installation process on-line, you may use the **"GETREG Utility"** on another PC that does have Internet access to download the file and save it to a floppy disk, CD-ROM or networked drive so that it is available during the installation procedure.

See the special section on the **GETREG Utility** on how to use this feature.

1. Place the CD-ROM into your CD drive on your computer system. The Presentation should begin automatically. If it does not, from Windows, click on **Start>Run** from the Task Bar. In the **Open** text box, enter the drive letter for your CD (i.e. F:\intro.exe) or you may click on the **Browse…** button to search for the file on the CD ROM. The installation program launches (Figure 1).

2. Select the **Install Applications** option from the left menu tabs.

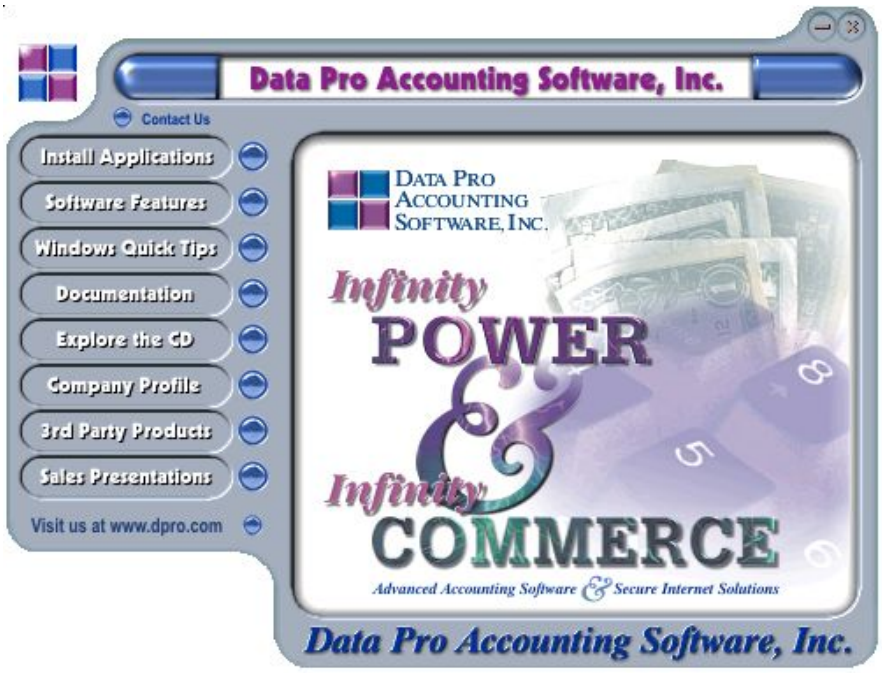


Figure 1 Data Pro Installation Program Window

3. Then, click on **Install Infinity POWER Applications** option (Figure 2) from the main window.

NOTE

Both the **Windows GUI** and the **Character-based** versions are simultaneously installed. Once the applications are installed, you can access the Windows GUI version by selecting **Start>Programs>Data Pro>DPWIN**. You can access the Character-based version by selection **Start>Programs>Data Pro>Power**.

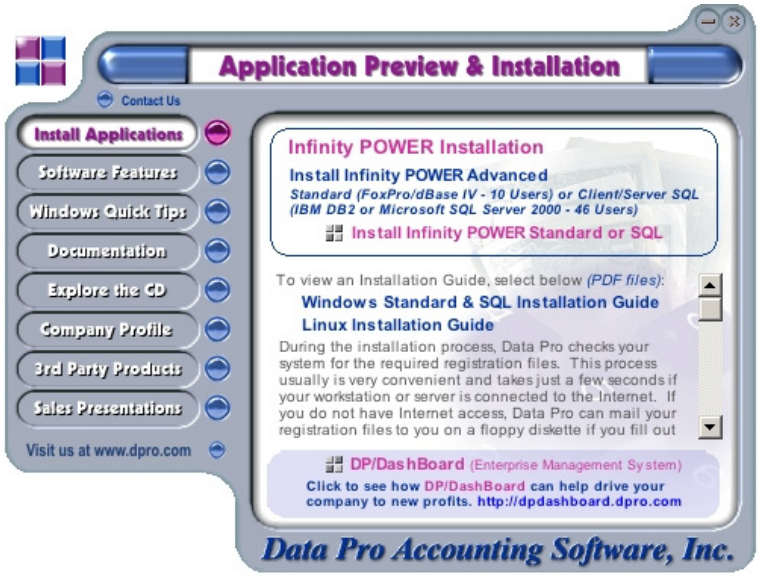

Application Preview & Installation
Contact Us
Install Applications
Software Features
Windows Quick Tips
Documentation
Explore the CD
Company Profile
3rd Party Products
Sales Presentations
Visit us at www.dpro.com
Infinity POWER Installation
Install Infinity POWER Advanced
Standard (FoxPro/dBase IV - 10 Users) or Client/Server SQL
(IBM DB2 or Microsoft SQL Server 2000 - 46 Users)
Install Infinity POWER Standard or SQL
To view an Installation Guide, select below (PDF files):
Windows Standard & SQL Installation Guide
Linux Installation Guide
During the installation process, Data Pro checks your system for the required registration files. This process usually is very convenient and takes just a few seconds if your workstation or server is connected to the Internet. If you do not have Internet access, Data Pro can mail your registration files to you on a floppy diskette if you fill out
DP/DashBoard (Enterprise Management System)
Click to see how DP/DashBoard can help drive your company to new profits. http://dpdashboard.dpro.com
Data Pro Accounting Software, Inc.

Figure 2 Install Applications Option

4. <Click> the **Yes** button to continue. The InstallShield Wizard window (Figure 3) displays initializes the installation process.

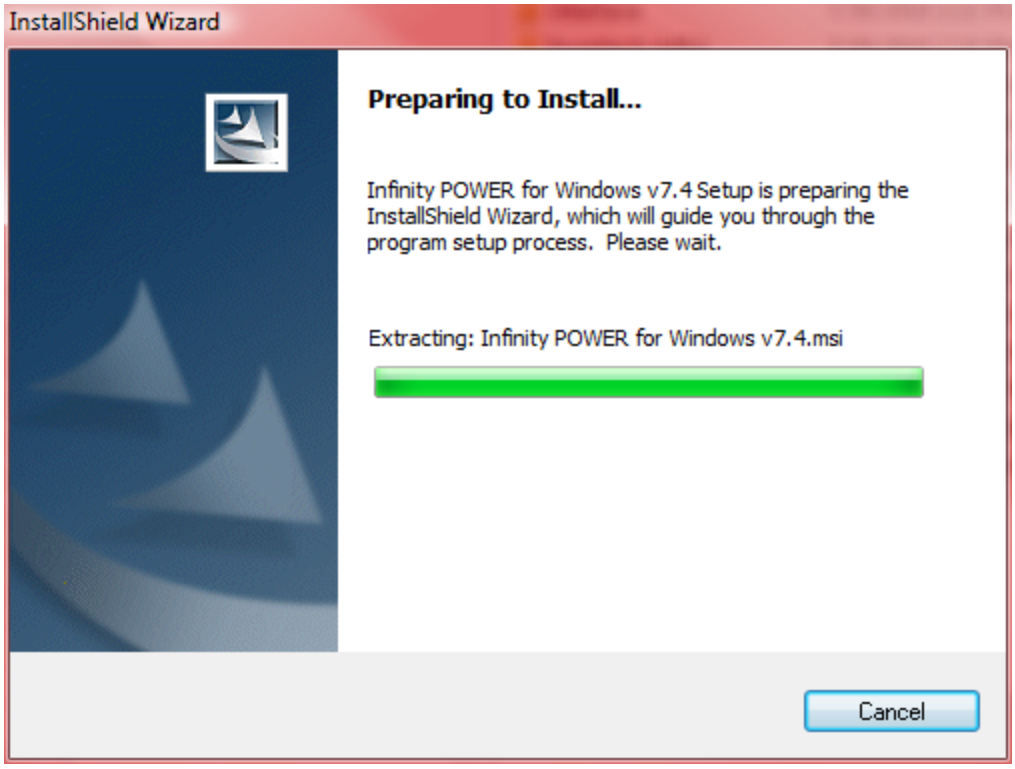

InstallShield Wizard
Preparing to Install...
Infinity POWER for Windows v7.4 Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
Extracting: Infinity POWER for Windows v7.4.msi
Cancel

Figure 3 InstallShield Wizard – Preparing to Install Window

NOTE

If you have already installed this new version on your workstation, and you need to re-install the program on the same workstation, then you will need to REMOVE the program from your system before reinstalling this version. The Installation Wizard will prompt you to remove the program. You will then be able to run the installation again and install the program again.

When the InstallShield Wizard initialization is complete, the Welcome to the InstallShield window (Figure 4) displays. This window introduces you to the **Infinity POWER Windows Installation *(both Character-based and GUI).***

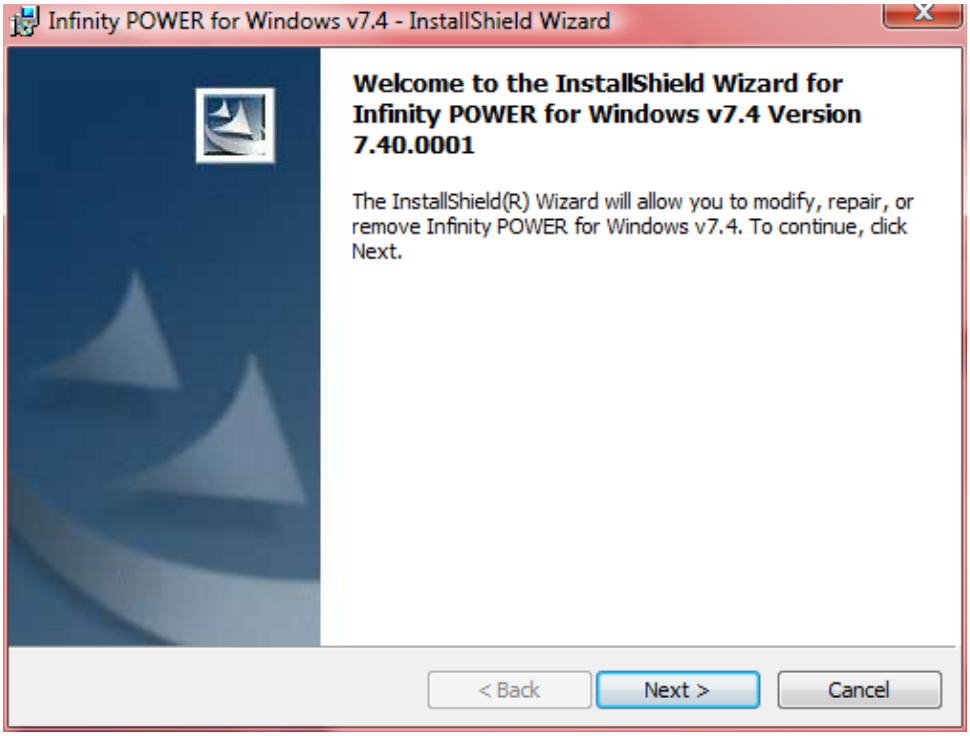

Infinity POWER for Windows v7.4 - InstallShield Wizard
Welcome to the InstallShield Wizard for Infinity POWER for Windows v7.4 Version 7.40.0001
The InstallShield(R) Wizard will allow you to modify, repair, or remove Infinity POWER for Windows v7.4. To continue, click Next.
< Back
Next >
Cancel

Figure 4 Welcome to the InstallShield Window

5. If you wish to continue the installation, click on the **Next >** button. The License Agreement window (Figure 5) displays.

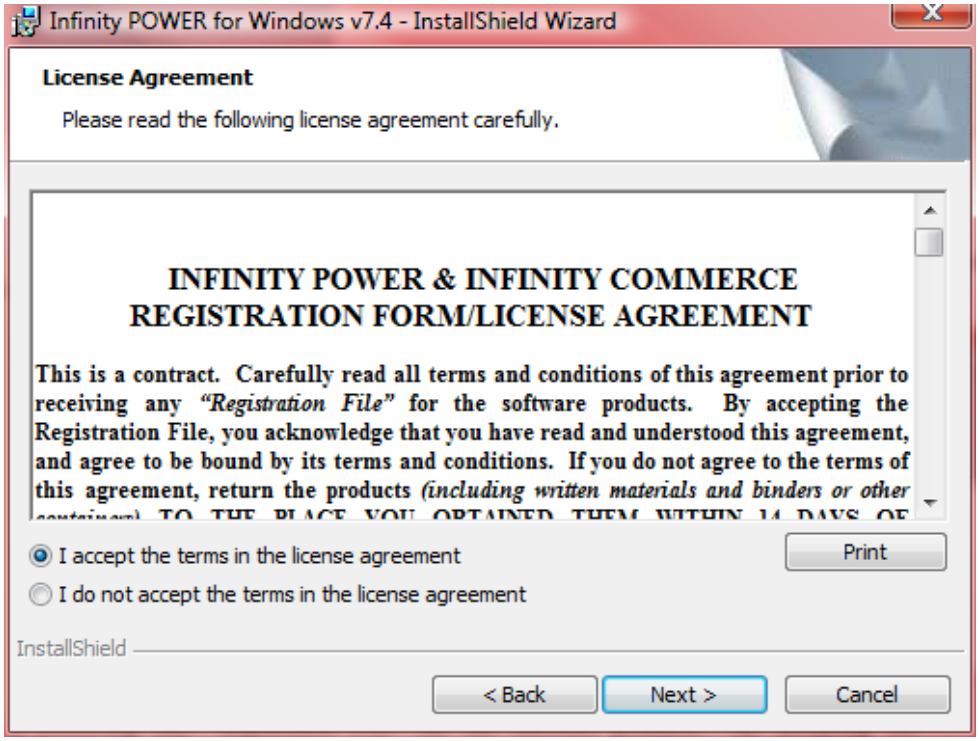

Infinity POWER for Windows v7.4 - InstallShield Wizard
License Agreement
Please read the following license agreement carefully.
INFINITY POWER & INFINITY COMMERCE
REGISTRATION FORM/LICENSE AGREEMENT
This is a contract. Carefully read all terms and conditions of this agreement prior to receiving any "Registration File" for the software products. By accepting the Registration File, you acknowledge that you have read and understood this agreement, and agree to be bound by its terms and conditions. If you do not agree to the terms of this agreement, return the products (including written materials and binders or other
I accept the terms in the license agreement
I do not accept the terms in the license agreement
Print
InstallShield
< Back
Next >
Cancel

Figure 5 License Agreement Window

6. Make sure to read through the entire **Software License Agreement**. If you agree to accept the terms of the Software License Agreement, then click on the **"I accept…"** button and then click the **Next >** button to proceed with the next step of the installation. The Destination Folder window (Figure 6) displays. This defines to the system where the program files will be loaded on your computer system. The default directory path is ***c:\power***\.

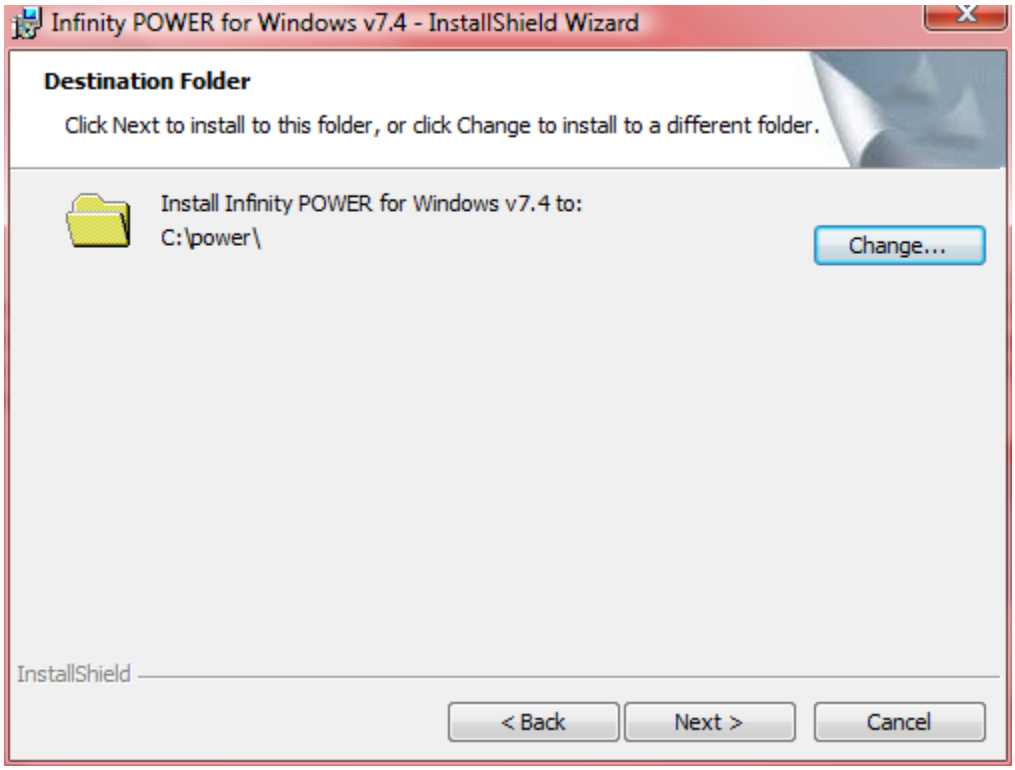

Infinity POWER for Windows v7.4 - InstallShield Wizard
Destination Folder
Click Next to install to this folder, or click Change to install to a different folder.
Install Infinity POWER for Windows v7.4 to:
C:\power\
Change...
InstallShield
< Back
Next >
Cancel

Figure 6 Destination Window

7. <Click> the **Next >** button to install the program in the default folder. The **Module Selection** window (Figure 7) displays listing all the modules available for installation.

NOTE

<Click> the **Change…** button to select a different folder other than the default.

Each individual module is listed, including Sample Data Files, and may be checked or unchecked according to the modules you wish to load for this installation.

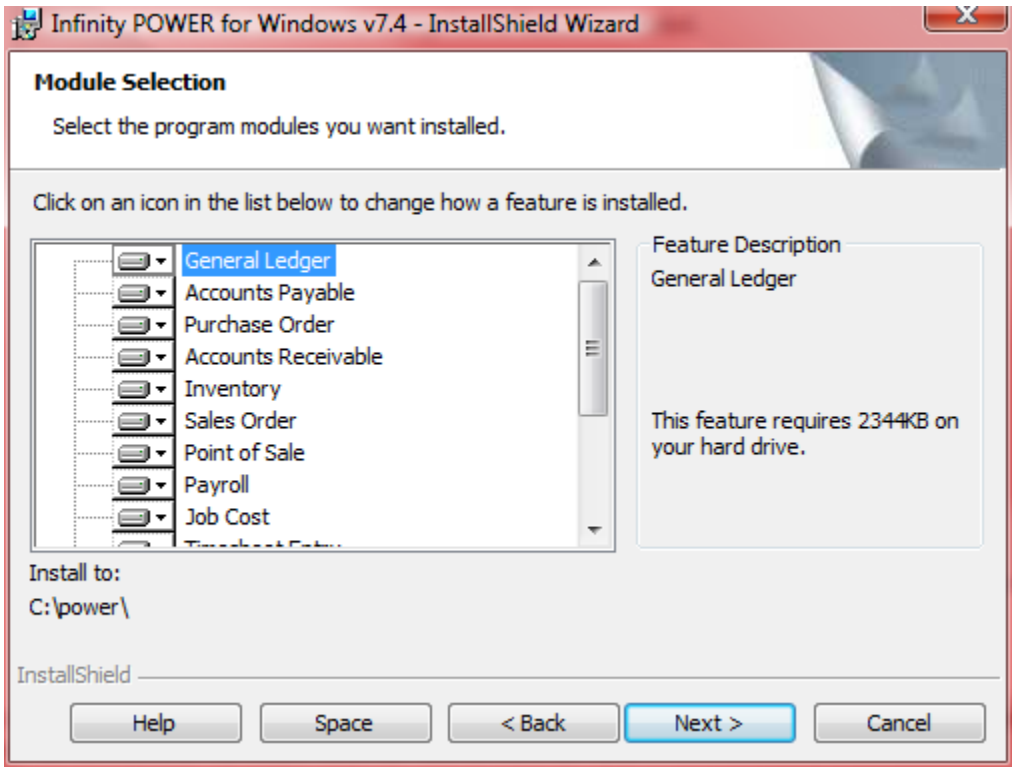
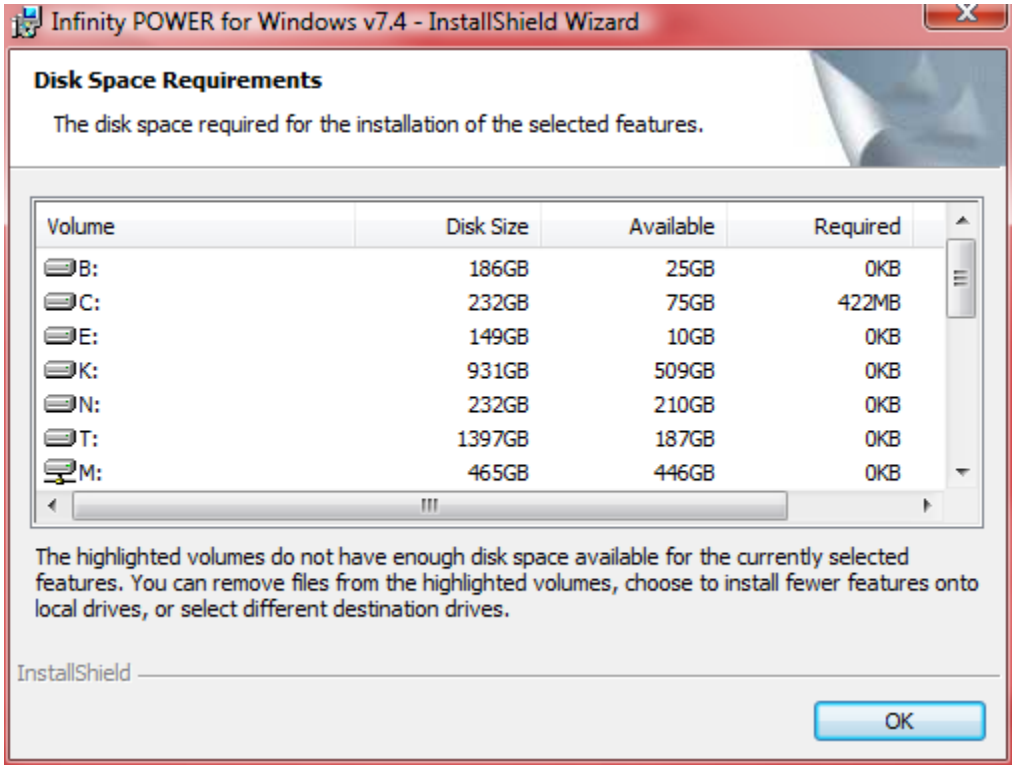


Figure 7 Module Selection Window

If you click on the **"Space"** button, the following screen will display the amount of available and required space the installation will utilize on your various hard drives.


Infinity POWER for Windows v7.4 - InstallShield Wizard
Disk Space Requirements
The disk space required for the installation of the selected features.
Volume
Disk Size
Available
Required
B: 186GB 25GB 0KB
C: 232GB 75GB 422MB
E: 149GB 10GB 0KB
K: 931GB 509GB 0KB
N: 232GB 210GB 0KB
T: 1397GB 187GB 0KB
M: 465GB 446GB 0KB
The highlighted volumes do not have enough disk space available for the currently selected features. You can remove files from the highlighted volumes, choose to install fewer features onto local drives, or select different destination drives.
InstallShield
OK

8. To change the installation option for any of the listed modules, <click> the pull-down menu (Figure 8) and select the desired installation option for that module.

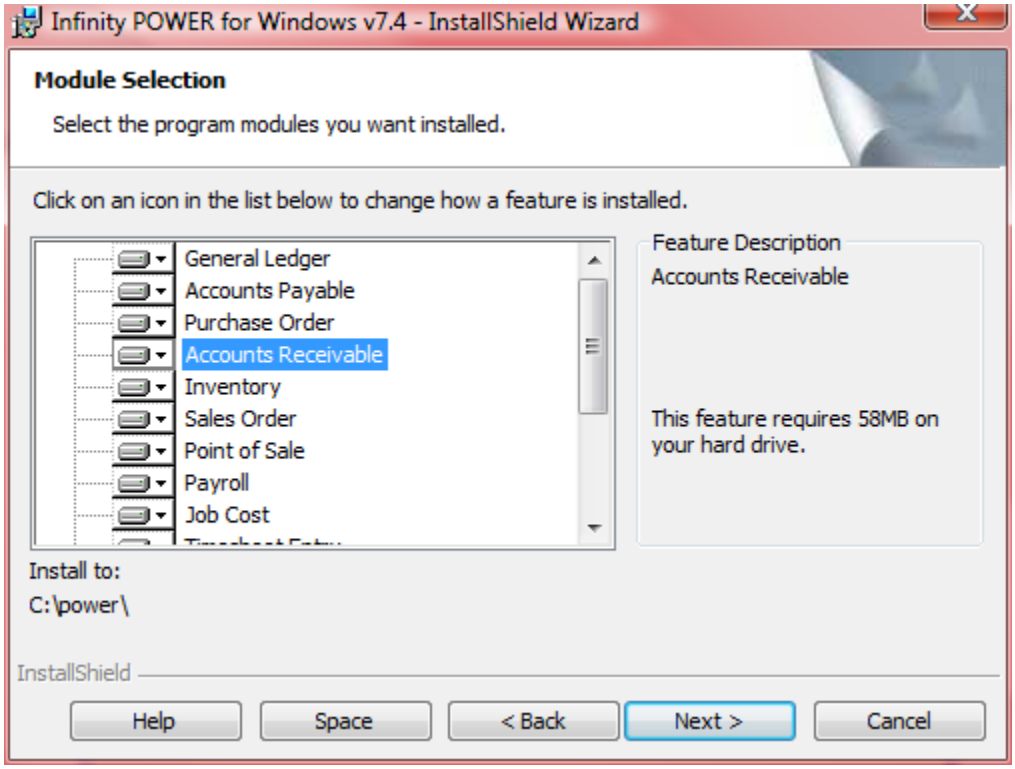


Figure 8 Module Selection Window – Select Install Settings

NOTE

This defines to the system which **Infinity POWER** modules to install for this system. By default, **ALL** modules are selected to be installed**. IT IS THE USER'S RESPONSIBILITY TO SELECT ONLY THOSE MODULES WHICH THE COMPANY HAS PURCHASED.** Therefore, make sure to select the **"This feature will not be available**" option for those modules you **DID NOT** purchase prior to continuing with this installation procedure.

9. After all module selections have been made, <click> the **Next >** button to proceed with the installation. If you choose to continue, the next screen is used to verify all the previously entered data for this installation before the program files are transferred. The Ready to Install the Program window (Figure 9) displays.

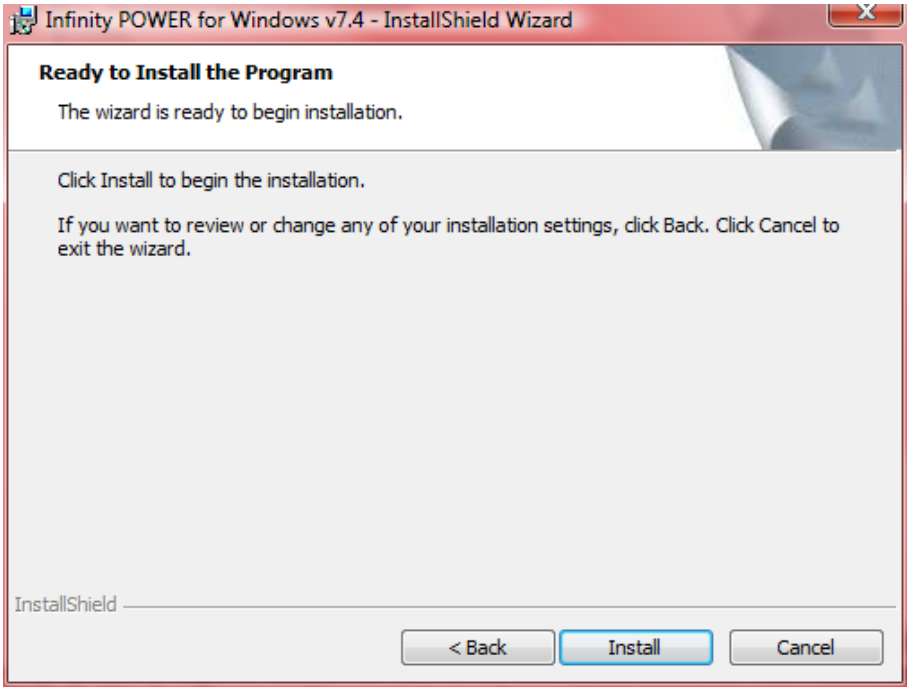

Infinity POWER for Windows v7.4 - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

Figure 9 Ready to Install the Program Window

10. <Click> the **Install** button to continue with the installation. If you choose to continue, the Installation program will begin to transfer the files to the **Destination Directory**. The **"Installing Infinity POWER for Windows"** window (Figure 10) displays.

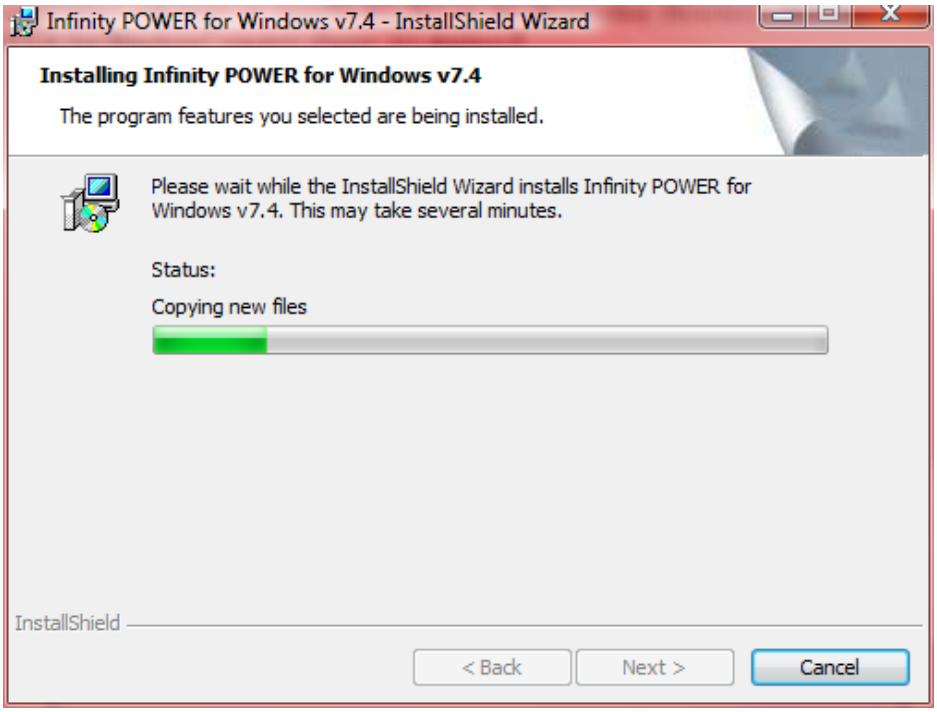

Infinity POWER for Windows v7.4 - InstallShield Wizard
Installing Infinity POWER for Windows v7.4
The program features you selected are being installed.
Please wait while the InstallShield Wizard installs Infinity POWER for Windows v7.4. This may take several minutes.
Status:
Copying new files
InstallShield
< Back
Next >
Cancel

Figure 10 Installing Infinity POWER for Windows

After the files are copied to the specified directory, the **"Infinity POWER Update Utility"** window (Figure 11) displays prompting if you would like to check for updates on the Data Pro remote site.

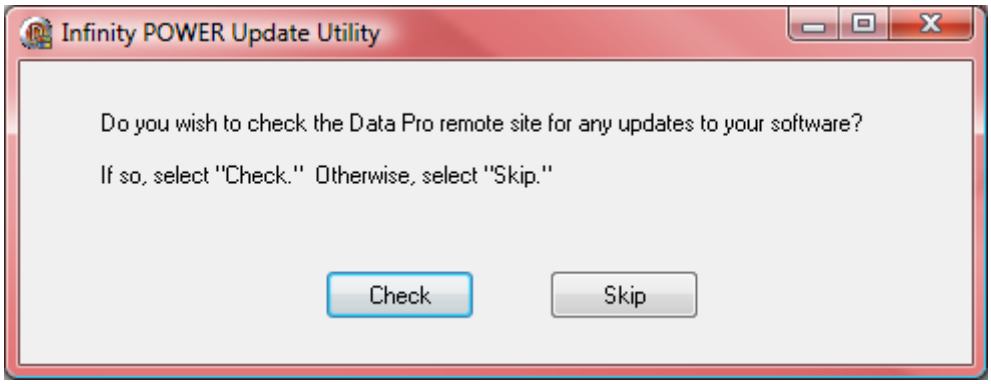

Infinity POWER Update Utility
Do you wish to check the Data Pro remote site for any updates to your software?
If so, select "Check." Otherwise, select "Skip."
Check
Skip

Figure 11 Infinity POWER Update Utility Window

11. <Click> the **Check** button to have the system check for updates or <click> the **Skip** button to cancel the update utility. If the Accounting Server or workstation with access to the Accounting Server **DOES NOT** have **Internet** access, the following screen (Figure 12) will be displayed.

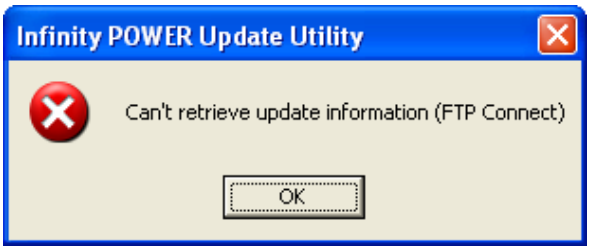


Figure 12 FTP Connect Error

Click the **OK** button and continue without any checking. If you **DO** have **Internet** access, the system will compare the current version you have installed and the latest update available on the **Data Pro Accounting Software** website for immediate download. If there are any downloads available, a screen similar to the Confirm Update window (Figure 13) will display on your screen.

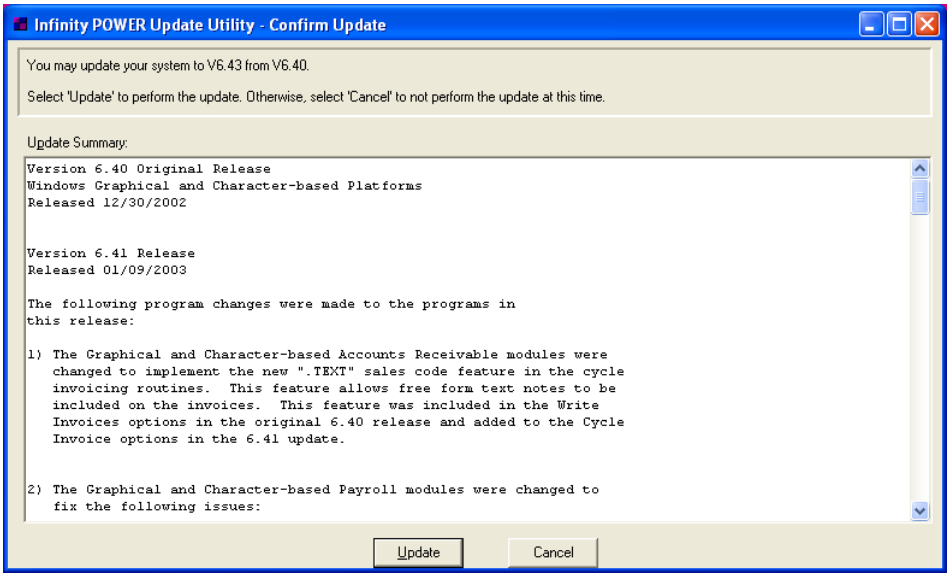
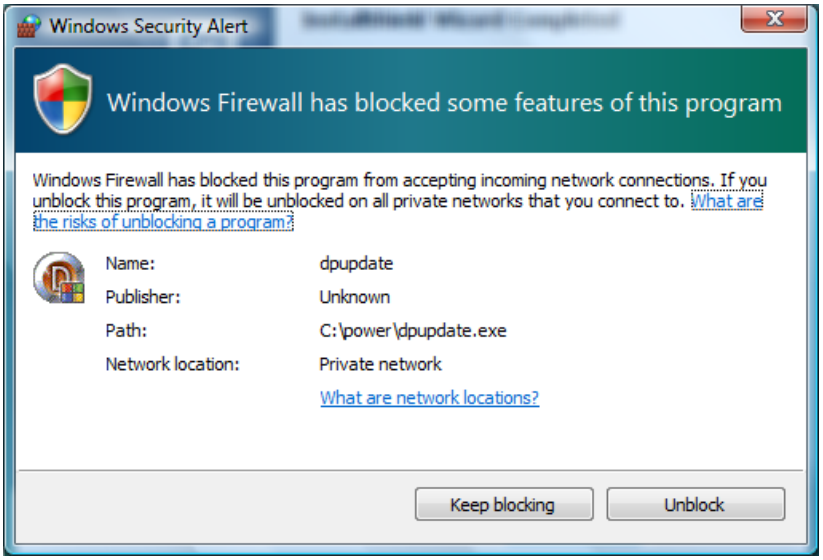

Infinity POWER Update Utility - Confirm Update
You may update your system to V6.43 from V6.40.
Select 'Update' to perform the update. Otherwise, select 'Cancel' to not perform the update at this time.
Update Summary:
Version 6.40 Original Release
Windows Graphical and Character-based Platforms
Released 12/30/2002
Version 6.41 Release
Released 01/09/2003
The following program changes were made to the programs in
this release:
1) The Graphical and Character-based Accounts Receivable modules were
changed to implement the new ".TEXT" sales code feature in the cycle
invoicing routines. This feature allows free form text notes to be
included on the invoices. This feature was included in the Write
Invoices options in the original 6.40 release and added to the Cycle
Invoice options in the 6.41 update.
2) The Graphical and Character-based Payroll modules were changed to
fix the following issues:
Update
Cancel

Figure 13 Confirm Update Window

12. If you like the options displayed, you may have your system automatically updated from the Data Pro web site by clicking on the **Update** button. Only the required files necessary to update your system with the latest updates to all of the programs you have installed on your system will be transferred. No **Registration Key File** is required. This will allow users with a **"current"** Annual License Fee **(ALF)** which makes you eligible for current software updates to update their systems to the latest update of the current version they have installed. This **WILL NOT**, however, update programs across versions. You must have a current **ALF** to receive the latest version of the programs and download them from the Data Pro web site.

If you have an Anti-Virus or Windows Firewall configuration set that protects your computer, you may get a screen similar to the following screen which will prompt you for an action. You must allow the software to get through the firewall or Anti-Virus software to check for your updates.


Windows Security Alert
Windows Firewall has blocked some features of this program
Windows Firewall has blocked this program from accepting incoming network connections. If you unblock this program, it will be unblocked on all private networks that you connect to. What are the risks of unblocking a program?
Name: dpupdate
Publisher: Unknown
Path: C:\power\dpupdate.exe
Network location: Private network
What are network locations?
Keep blocking
Unblock

If you run this option and you already have the most current set of programs available, the following window (Figure 14) displays:

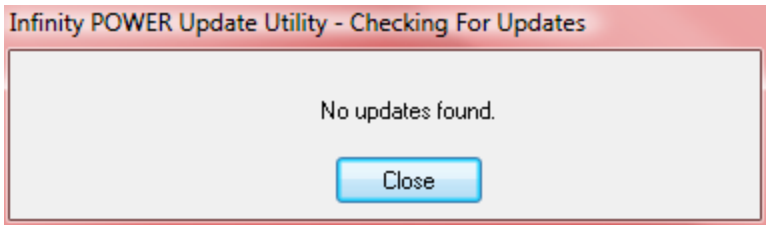
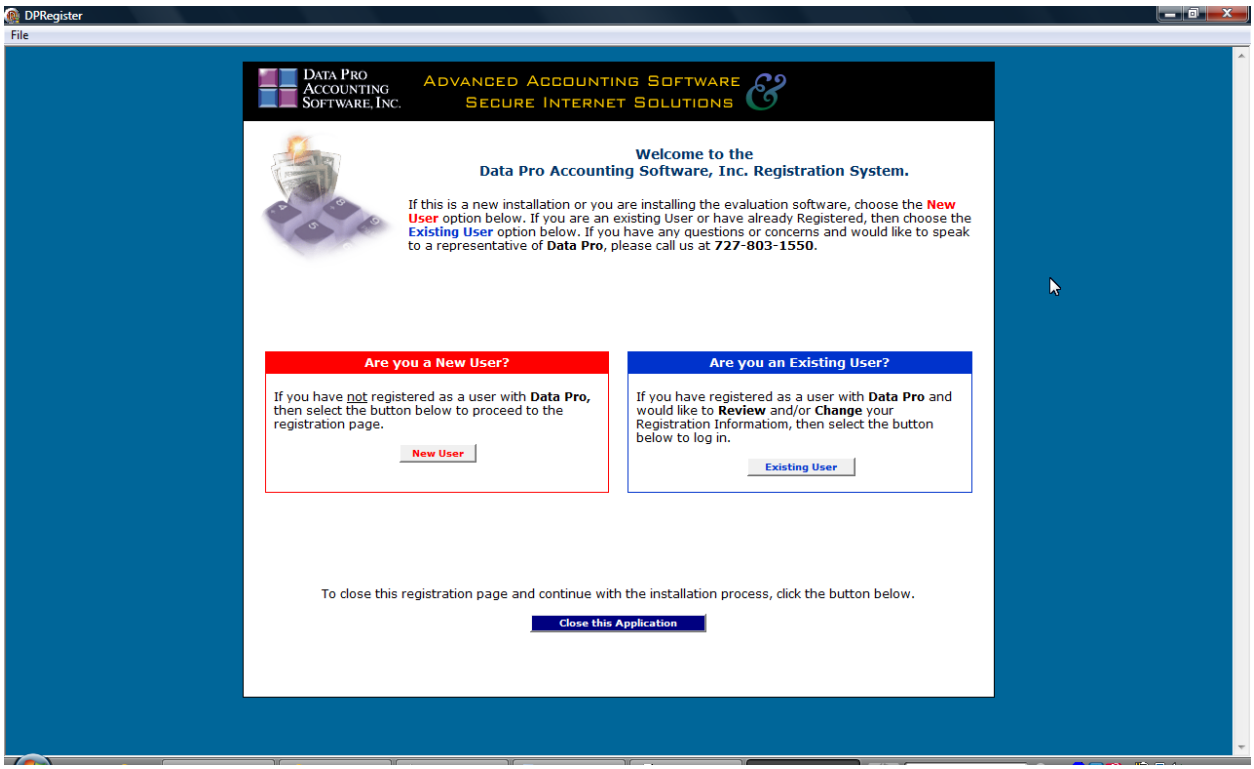


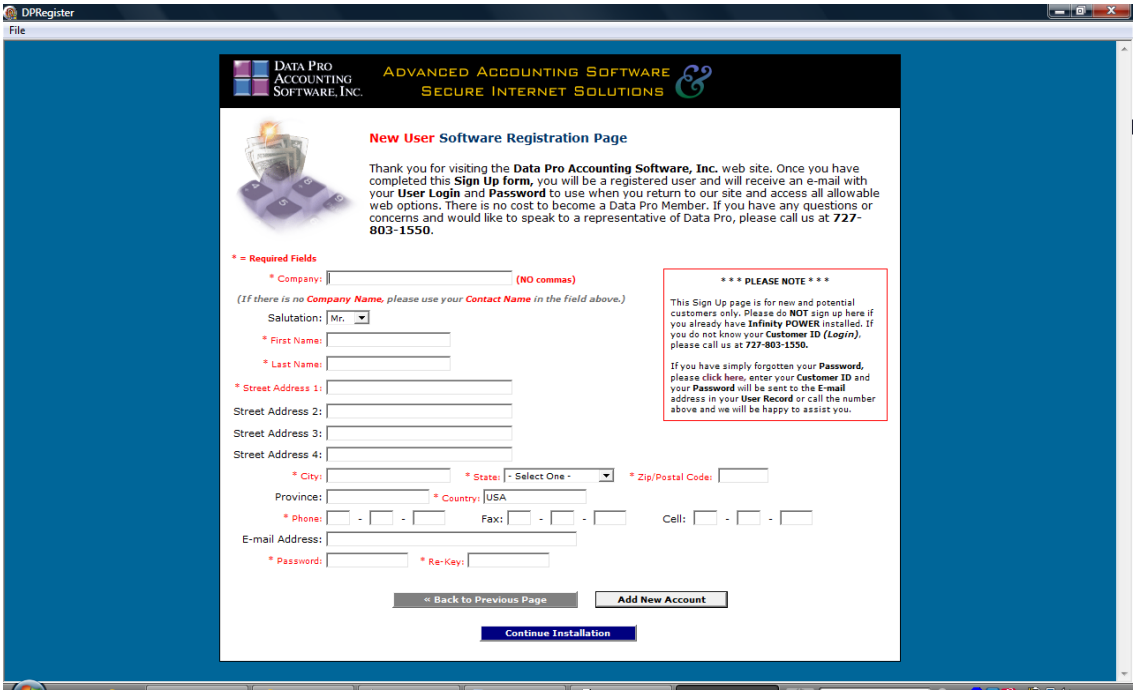
Figure 14 Checking for Updates Window

Once completed, the following screen will appear. This is the Welcome screen in which you will tell the system whether you are a **"New User"** or an **"Existing User."**

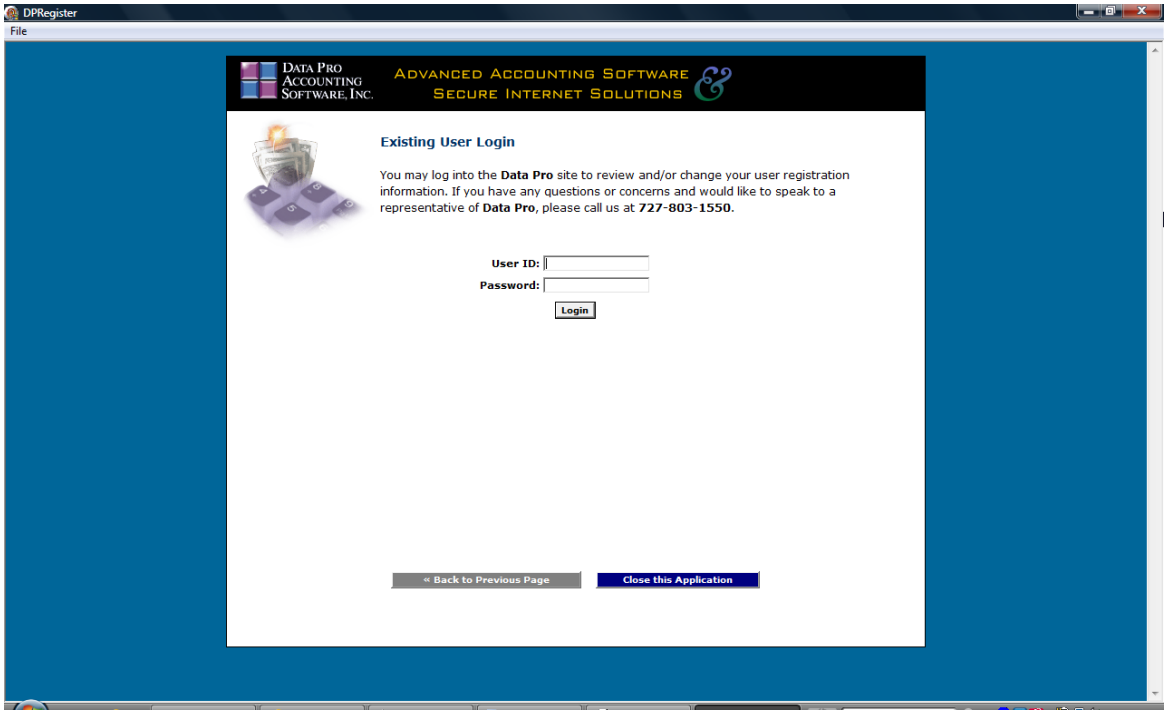

DPRegister
File
Data Pro Accounting Software, Inc.
Advanced Accounting Software & Secure Internet Solutions
Welcome to the
Data Pro Accounting Software, Inc. Registration System.
If this is a new installation or you are installing the evaluation software, choose the New User option below. If you are an existing User or have already Registered, then choose the Existing User option below. If you have any questions or concerns and would like to speak to a representative of Data Pro, please call us at 727-803-1550.
Are you a New User?
If you have not registered as a user with Data Pro, then select the button below to proceed to the registration page.
New User
Are you an Existing User?
If you have registered as a user with Data Pro and would like to Review and/or Change your Registration Informatiom, then select the button below to log in.
Existing User
To close this registration page and continue with the installation process, click the button below.
Close this Application

Depending on your status you would select one or the other option. If you are an existing Data Pro customer and are upgrading your software, you should choose the option on the right. New users should choose the option on the left. Either way, this information is vital so that the system can provide registration and activation information on-line during the rest of this process.

If you are a new user, click on the left side of the screen in the red button titled **"New User."** The following screen will appear.

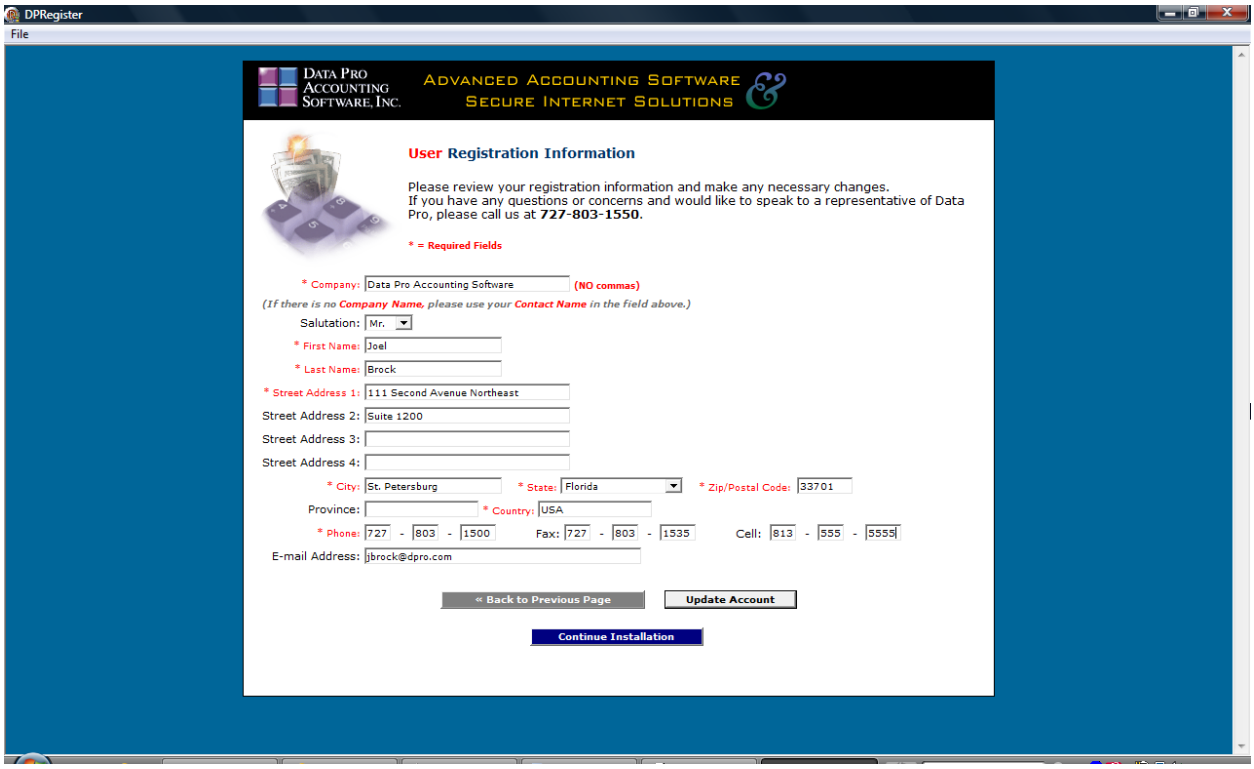

DPRegister
File
Data Pro Accounting Software, Inc.
Advanced Accounting Software & Secure Internet Solutions
New User Software Registration Page
Thank you for visiting the Data Pro Accounting Software, Inc. web site. Once you have completed this Sign Up form, you will be a registered user and will receive an e-mail with your User Login and Password to use when you return to our site and access all allowable web options. There is no cost to become a Data Pro Member. If you have any questions or concerns and would like to speak to a representative of Data Pro, please call us at 727-803-1550.
* = Required Fields
* Company:
(NO commas)
(If there is no Company Name, please use your Contact Name in the field above.)
Salutation: Mr.
* First Name:
* Last Name:
* Street Address 1:
Street Address 2:
Street Address 3:
Street Address 4:
* City:
* State: - Select One -
* Zip/Postal Code:
Province:
* Country: USA
* Phone:
Fax:
Cell:
E-mail Address:
* Password:
* Re-Key:
* * * PLEASE NOTE * * *
This Sign Up page is for new and potential customers only. Please do NOT sign up here if you already have Infinity POWER installed. If you do not know your Customer ID (Login), please call us at 727-803-1550.
If you have simply forgotten your Password, please click here, enter your Customer ID and your Password will be sent to the E-mail address in your User Record or call the number above and we will be happy to assist you.
« Back to Previous Page
Add New Account
Continue Installation

Any field in **"red"** is a required field to complete the registration process. Make sure that when you enter the password at the bottom that it is a combination of five alpha characters and two numeric characters. It can be in either upper or lower case. However, make sure to write this password down and keep it for your files as you will use it repeatedly in the future. Once you have completed this information, the primary phone number field that is highlighted in red will be used as your main customer login identification number when prompted. When you are satisfied with your entries, click on the bottom button, **"Continue Installation."** For existing users, when you click on the right side of the screen, the following screen will appear.


DPRegister
File
Data Pro Accounting Software, Inc.
Advanced Accounting Software & Secure Internet Solutions
Existing User Login
You may log into the Data Pro site to review and/or change your user registration information. If you have any questions or concerns and would like to speak to a representative of Data Pro, please call us at 727-803-1550.
User ID:
Password:
Login
« Back to Previous Page
Close this Application

Enter your User ID and your password and click on **"Login."**

You will be taken to the following screen where you may review your current account profile, make any applicable edits or just continue with the installation process. If you make any edits to your account, be sure to click the **"Update Accounts"** button at the bottom right of the screen. If no edits are made, click the **"Continue Installation"** button at the bottom to continue.


DPRegister
File
Data Pro Accounting Software, Inc.
Advanced Accounting Software & Secure Internet Solutions
User Registration Information
Please review your registration information and make any necessary changes.
If you have any questions or concerns and would like to speak to a representative of Data Pro, please call us at 727-803-1550.
* = Required Fields
* Company: Data Pro Accounting Software (NO commas)
(If there is no Company Name, please use your Contact Name in the field above.)
Salutation: Mr.
* First Name: Joel
* Last Name: Brock
* Street Address 1: 111 Second Avenue Northeast
Street Address 2: Suite 1200
Street Address 3:
Street Address 4:
* City: St. Petersburg
* State: Florida
* Zip/Postal Code: 33701
Province:
* Country: USA
* Phone: 727 - 803 - 1500
Fax: 727 - 803 - 1535
Cell: 813 - 555 - 5555
E-mail Address: jbrock@dpro.com
« Back to Previous Page
Update Account
Continue Installation

The installation process for either choice ***(new or existing users)*** will now continue to allow you to select which database you want to use. This will include **FoxPro, dBase,** or **Microsoft SQL 2005**. The **Database Selection** window (Figure 15) displays. Proceed to the next section.

DATABASE SELECTION

This utility allows you to select or change the database format that will be used with the installation of **Infinity POWER**. Once the database format has been selected during your initial installation of **Infinity POWER**, any subsequent changes will require a conversion of your existing data. If you are upgrading to **Version 7.3 or higher**, this is not considered your initial installation. The system will scan your data files and mark the appropriate database selection on the following screen (Figure 15).

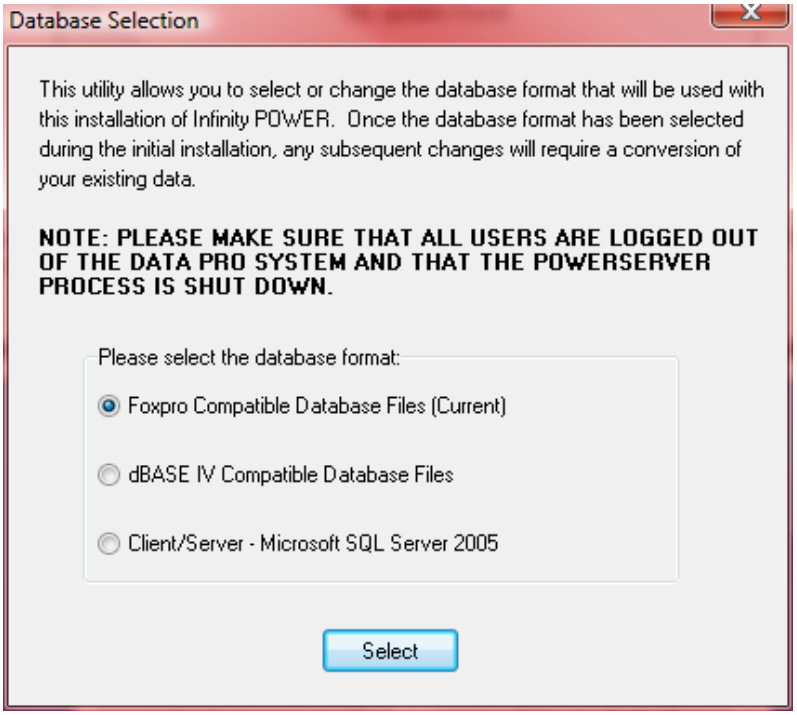
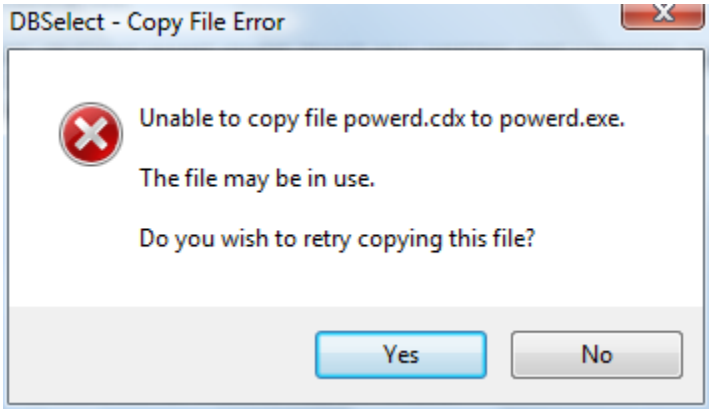

Database Selection
This utility allows you to select or change the database format that will be used with this installation of Infinity POWER. Once the database format has been selected during the initial installation, any subsequent changes will require a conversion of your existing data.
NOTE: PLEASE MAKE SURE THAT ALL USERS ARE LOGGED OUT OF THE DATA PRO SYSTEM AND THAT THE POWERSERVER PROCESS IS SHUT DOWN.
Please select the database format:
Foxpro Compatible Database Files (Current)
dBASE IV Compatible Database Files
Client/Server - Microsoft SQL Server 2005
Select

Figure 15 Database Selection Window

If this is the first installation of **Infinity POWER**, the default choice of database selection is **Foxpro**. The **DBSelect Utility** will check for the status of logged in users during the installation of the GUI and character-based products. This **DBSelect Utility** is automatically executed during the installation process and prompts for the selection of the database platform to configure. This ensures that all users are logged out of the accounting system as well as confirming that the **POWERServer** module has been shut down. A notification will be given if users are still in the accounting system or if **POWERServer** is still active. If **POWERServer** is still active and you receive a notification, shut down **POWERServer**, then <click> the **Retry** button to proceed will the installation.


DBSelect - Copy File Error
Unable to copy file powerd.cdx to powerd.exe.
The file may be in use.
Do you wish to retry copying this file?
Yes
No

Please keep in mind that the use of the default **Foxpro** and **dBase IV** compatible files structures used with the **Standard** version of the System Administrator come with the product at no additional charge. The **Client/Server SQL** version of System Administrator featuring support for **Microsoft SQL Server 2005/2008** is also part of the purchase equation. Customers must separately purchase the **Microsoft SQL Server 2005** or **2008** product before they can complete this installation, if they select this database choice.

NOTE

Starting with **Version 6.4** and higher, it has been found that users may find that the **FoxPro** database format is designed to take best advantage of the file system under the Windows operating system environment. For those new users installing the application for the first time, it is highly recommended that **FoxPro** be the default database format select here unless a **Client/Server SQL** choice is being made instead.

For existing **Infinity POWER** users who are upgrading from a prior version and have been using the default **dBase IV** compatible file structure until now, these users will most likely find a major gain in file access and speed by switching their default database structure from **dBase IV** compatible to **FoxPro** compatible. To do so, see the instructions later in this manual.

The following screens will only apply if you have selected the **"Client/Server - Microsoft SQL Server 2005/2008"** database selection. If you have chosen either the **"FoxPro"** or **"dBase"** database selection on this screen, you may skip through this section.

1. From the Database Selection window (Figure 15), <click> on the appropriate database selection and then click on the **Select** button. If you have selected the **Client/Server - Microsoft SQL Server 2005/2008**, proceed to step 2. If you have selected **FoxPro** or **dBase** as your database selection, proceed to step 4 to continue the installation process.

2. If you have selected the **Client/Server – Microsoft SQL Server 2005/2008** option, it is necessary that the **Microsoft SQL Server** software **(2005 or 2008)** is installed and operational before attempting this installation. It is also necessary that the **SQL Native Client 2005** or **2008** software is installed and operational. Instructions for installing the **SQL Native Client** software are located at the end of this installation section. Once this option is selected, the following screen (Figure 16) displays.

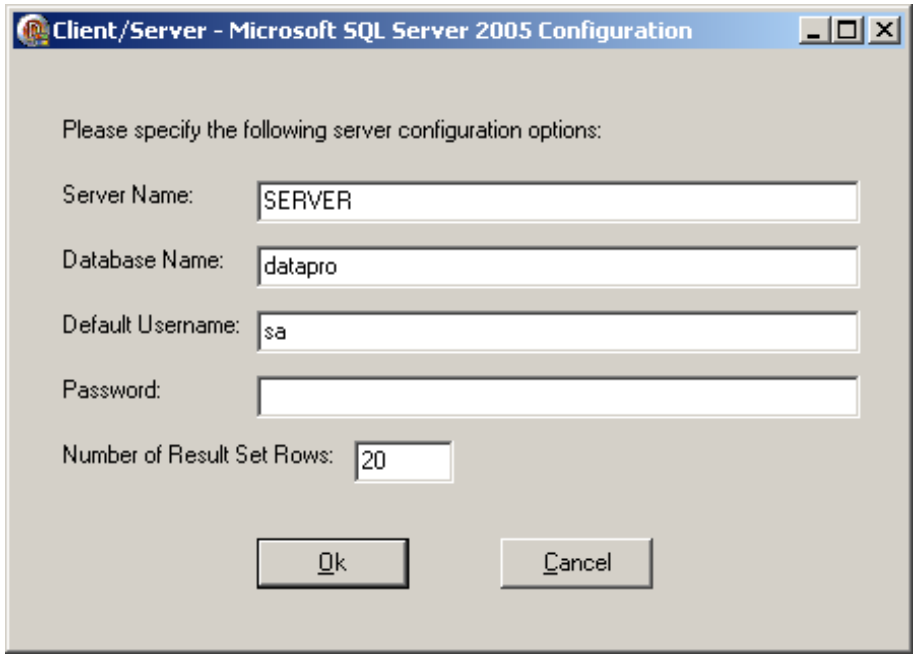


Figure 16 Client/Server – Microsoft SQL Server 2005 or 2008 Configuration

The information on this screen is required to communicate with the **Microsoft SQL Server 2005 or 2008 Database Server**.

Server Name	This is the server name of the **Microsoft SQL Server 2005 or 2008 Database Server**.
Database Name	This is the database name set up within the **Microsoft SQL Server 2005** or **2008 Database Server** to define the database utilized.
Default Username	This is the default username set up within the **Microsoft SQL Server 2005 or 2008 Database Server**.
Password	This is the password defined to gain access to the **Microsoft SQL Server 2005 or 2008 Database Server**.
Number of Result Set Rows	This is the default number of rows that will be retrieved from the database tables when printing reports. This value can be increased to tune the performance of your database access.

Enter the required information in the appropriate text boxes and <click> the **Ok** button. The Introduction window (Figure 17) displays.

3. <Click> the **Select** button to continue with the installation. The Introduction window (Figure 17) displays.

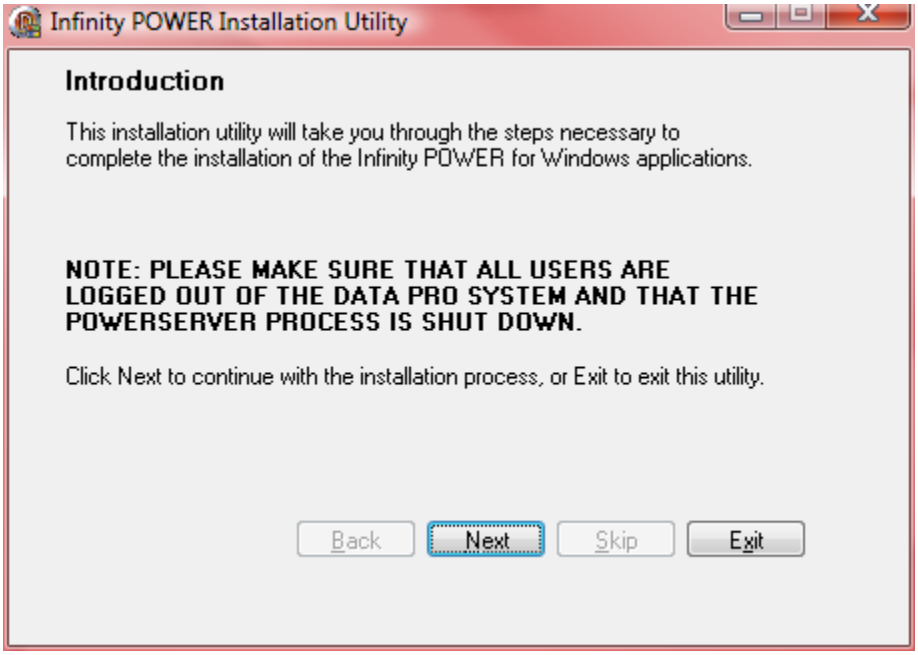
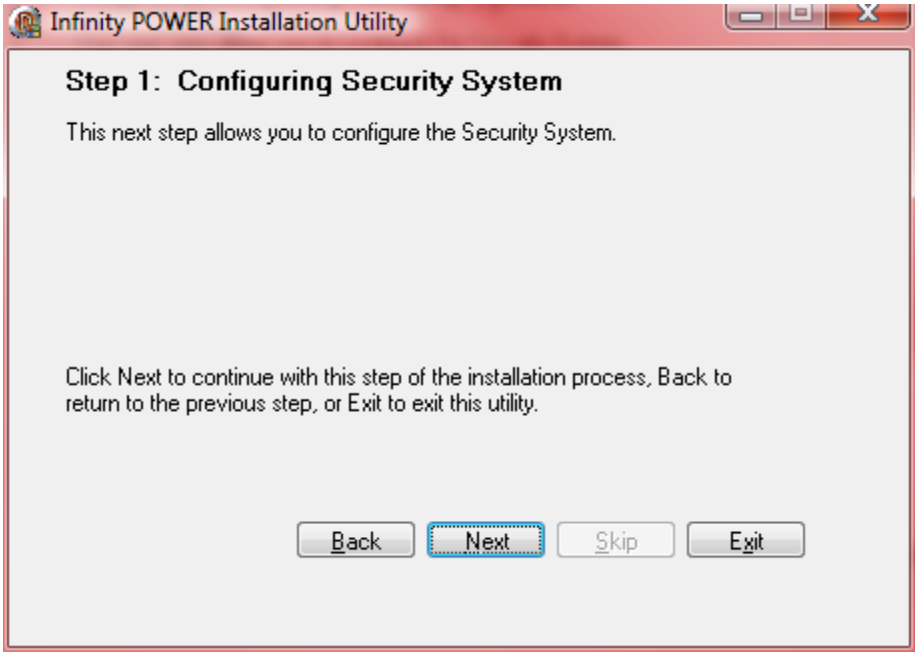

Infinity POWER Installation Utility
Introduction
This installation utility will take you through the steps necessary to complete the installation of the Infinity POWER for Windows applications.
NOTE: PLEASE MAKE SURE THAT ALL USERS ARE LOGGED OUT OF THE DATA PRO SYSTEM AND THAT THE POWERSERVER PROCESS IS SHUT DOWN.
Click Next to continue with the installation process, or Exit to exit this utility.
Back
Next
Skip
Exit

Figure 17 Introduction Window

From the Introduction window (Figure 17), <click> the **Next** button. The Step 1: Configuring Security System window (Figure 18) displays. Proceed to the next section.

STEP 1: CONFIGURING SECURITY SYSTEM


Infinity POWER Installation Utility
Step 1: Configuring Security System
This next step allows you to configure the Security System.
Click Next to continue with this step of the installation process, Back to return to the previous step, or Exit to exit this utility.
Back
Next
Skip
Exit

During the installation, the user has the ability to define which method of security is to be deployed in the **Infinity POWER** accounting software system. If you have previously installed the software, when you click **"Next,"** you will be prompted for the existing **"SYSADM"** password that is in place as shown on the following screen.

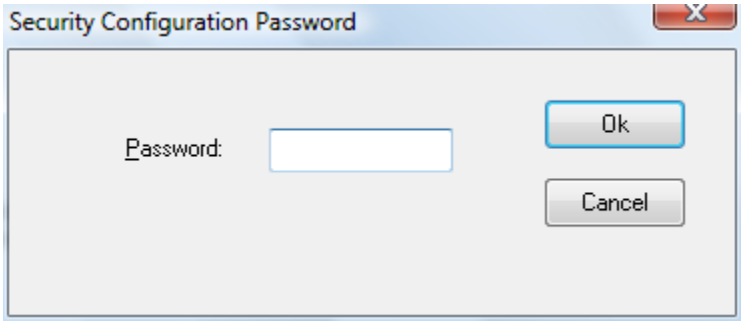


Figure 18 Step 1: Configuring Security System Window

1. From the Step 1: Configuring Security System window, <click> the **Next** button to proceed with the installation process. The Security System Configuration window (Figure 19) displays.

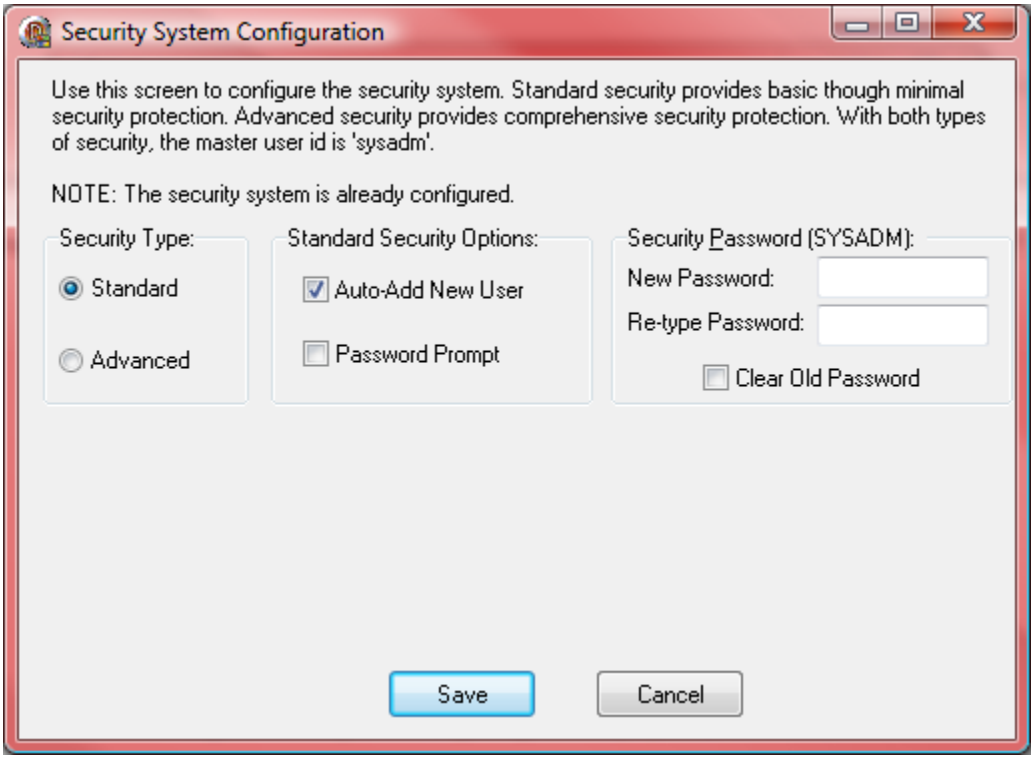

Security System Configuration
Use this screen to configure the security system. Standard security provides basic though minimal security protection. Advanced security provides comprehensive security protection. With both types of security, the master user id is 'sysadm'.
NOTE: The security system is already configured.
Security Type:
Standard
Advanced
Standard Security Options:
Auto-Add New User
Password Prompt
Security Password (SYSADM):
New Password:
Re-type Password:
Clear Old Password
Save
Cancel

Figure 19 Security System Configuration – Standard Security Options

2. From the **Security Type** section, select either the **Standard** or **Advanced** options. Each option is discussed in detail below. The **"default"** security type is **"Standard"** which is the most basic and simplified version of security available. Companies that desire more powerful capabilities in protecting specific options, programs, users and groups, should select **"Advanced."**

This screen allows you to specify which variation of the **Security System** you wish to install at this point ***(Standard or Advanced)***. There are significant differences between the two versions and management considerations must be taken into account to determine which variation makes the most sense for your company and installation.

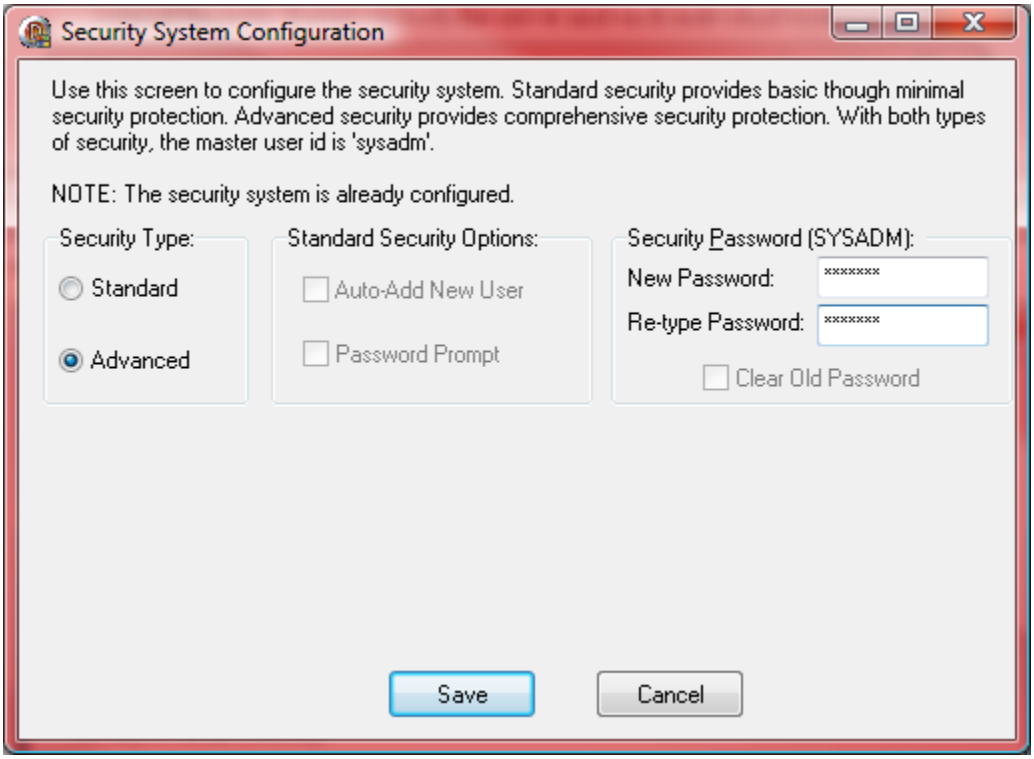

Security System Configuration
Use this screen to configure the security system. Standard security provides basic though minimal security protection. Advanced security provides comprehensive security protection. With both types of security, the master user id is 'sysadm'.
NOTE: The security system is already configured.
Security Type:
Standard
Advanced
Standard Security Options:
Auto-Add New User
Password Prompt
Security Password (SYSADM):
New Password:
Re-type Password:
Clear Old Password
Save
Cancel

Figure 20 Security System Configuration – Advanced Security Options

When a user logins into the software for the first time, they will be counted as a one user count regardless of which accounting module they go to access ***(i.e. General Ledger or Accounts Receivable)***. No specific allocation of user counts has to be made on an accounting module basis because a single user count has **FULL** access to all modules as long as the security system has provided the rights to that accounting module. If more users at one time need to be in the system, additional user counts may be added to the software at any time.

Therefore, **MANAGEMENT** now has to determine whether they want to control on a **"user-by-user"** basis whether each user has full access to **ALL** accounting modules installed or whether they should have **"limitations"** on some of the modules or some of their options installed.

If there are to be **ANY** limitations at all on access to any of the accounting modules or their options, then the **"Advanced Security"** feature should be installed at this point of the installation process. If you are dealing in a small organization where virtually everyone has access to everything, then simplicity rules and the **"Standard Security"** feature should be installed. These are the guidelines which should prevail at this point. The good news is that it may be changed at any point in the future should you decide you change your mind ***(either way!)***.

Standard Security

If you select **Standard Security** as the **"Security Type"** as shown above (Figure 19), this means that all users will be allowed to enter the accounting system and will be provided with **COMPLETE** access to every option in every accounting module that is installed. No advanced setup of users is required and no passwords are even required unless you decide to have them prompted for a password by clicking on the **"Password Prompt"** box in the center of the screen. In other words, you can keep security to the system to a bare minimum with this option.

All a user would have to do is enter their **"User Name"** to enter the accounting system, if you desired. If you click on the **"Standard Security Options"** section in the middle of the screen for **"Auto-Add New User,"** the system will automatically add a new user id to the system each time someone attempts to enter the accounting system with a name/id if the name/id does not exist.

For example, if this is a new install and **"Mary"** has never been into the accounting system before, the first time she attempts to enter the software she will be prompted for a User Name/Login ID. If she enters **"Mary"** and it does not exist, she will be prompted that it does not exist and allowed to add it or change her entry. It's just that simple.

If you <click> off the box in the center of the screen **"Auto-Add New User,"** the system will restrict access to the accounting system from those users with no prior setup. Therefore, only the **SYSADM** user will have the ability to add new users in the software and will control who has the ability to enter the accounting software system. The **SYSADM** user must login first and load the **Security System** module to set up the valid users you wish to allow access to the system. Because you have defined **Standard Security** in this setup, any new user added will be allowed full access to **ALL** programs and options once they are added and logged into the software.

The key is the software has tracked **"Mary"** as one of the valid **"logged in"** users in the software at this point in time. Regardless of which variation of the **System Administrator** module that is installed, the user **"Mary"** counts towards the available user counts that are being maintained.

If, as the Administrator or Owner of the company, you would like **"Mary"** to have to enter a **"Password"** to gain access to the accounting system, then click on the box just below titled **"Password Prompt."** This will force all users in the **Standard Security** mode to have to enter a password along with their user name/id.

All implementations of **Standard Security** and **Advanced Security** will have one default **System Administrator** user id in the company called **"SYSADM."** It comes standard with the system and has rights to all options. The boxes on the right side of the screen allow you to set the **SYSADM** password. **IT IS VERY IMPORTANT TO REMEMBER THIS PASSWORD**. If you click on the box just below the password called **"Clear Old Password,"** this option will allow you to remove the prior **SYSADM** password on a subsequent installation or running of **WINSTALL**. This **ONLY** works for the **Standard Security** implementation and does not work for the **Advanced Security** implementation. Otherwise, if you install the **Advanced Security** feature and forget the **SYSADM** password, you have a major problem and it is not easy to fix. Your only solution will be to contact **Data Pro Support Services** at that point at **727-803-1550**. Therefore, whoever is in charge of implementing the system, regardless of which version is being implemented, should write down the **SYSADM** password and make sure it is secure and available for future access.

Once installation of the software is complete, it is important to set up additional user ids so that the **SYSADM** user is not used in day to day accounting functions by staff members.

Advanced Security

If you select the **Advanced Security** option the system will shade out the Standard Security options (Figure 20) since they will no longer be available.

You may assign the **SYSADM password** which is **REQUIRED** at this point. As it applies throughout the Advanced Security mode, all User ID's are supplemented with an optional password. The password must be at least seven **(7)** characters in length. The password must contain at least three **(3)** alpha characters and at least two **(2)** numeric characters. Passwords are **"case sensitive."** Case sensitive means the system recognizes the difference between upper and lower case characters. **User ID's** are **not** case sensitive.

THIS PASSWORD IS VERY IMPORTANT!!!

Do not forget this password or special steps will have to be taken to re-install the software completely. This password should be written down and implemented by the designated **"System Manager"** and one other person such as the business owner or president. This is the individual who will be responsible for the daily implementation and maintenance of the security system. If this password is not remembered and no other user logins are created first, then no users will be able to access the software.

The **"SYSADM"** or administrator password is case sensitive. Therefore, you should decide, in advance, the format you will generally use throughout the system. If you want to use all capital letters, then you should be consistent throughout and use all caps for all passwords. If you use all caps with some passwords, but then use other combinations, you will find that only the exact format will work. Even if the password is entered correctly, but not the correct upper and lower case format, it will not be accepted.

<Click> the **Save** button.

The **Step 2: Registration** window (Figure 21) displays. Proceed to the next section.

STEP 2: REGISTRATION

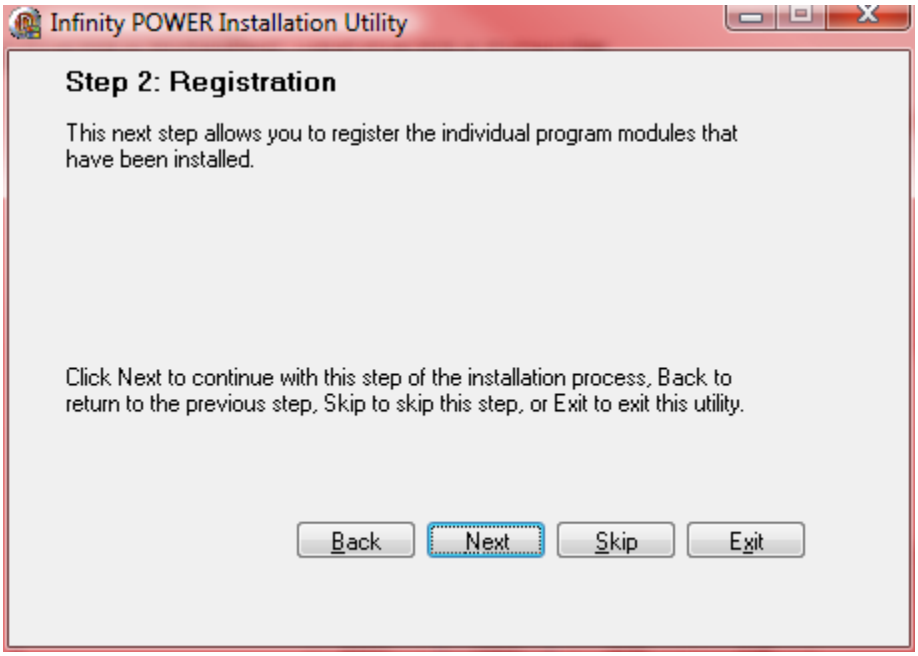

Infinity POWER Installation Utility
Step 2: Registration
This next step allows you to register the individual program modules that have been installed.
Click Next to continue with this step of the installation process, Back to return to the previous step, Skip to skip this step, or Exit to exit this utility.
Back
Next
Skip
Exit

Figure 21 Step 2: Registration Window

This **Registration Utility** allows you to activate the program modules that have been installed. You should use this step to activate all of the modules you have purchased. Otherwise, the software will install in **"Demo"** mode with limits on the number of transactions and records that may be added to the software.

This **Registration Utility** may be run without installation of program files as in the case of changing user counts. In order to run the **Registration Utility** separately; execute the Register Product option from the **Help>Register Product** menu in the application option (Figure 22).

Figure 22 Help Menu >Register Product Option

If you would like to see a short animated demonstration of the Registration process, go to our web site at **www.dpro.com**. Select the **Tech Support** Option**.** Select the **Registration Procedures** option (Figure 23) in the Installation & Registration Info box.

Figure 23 Tech Support> Registration Procedures Option

NOTE

You **MUST** have a Registration File to complete the installation of your software. If you are connected to the Internet, you can register your software online during the installation process. Proceed to step 1 of this section.

If you **DO NOT** have Internet access, you must get a Registration File prior to completing the installation. Skip to the **GETREG Utility** section on page 26.

1. From the **Step 2: Registration** window (Figure 21), <click> the **Next** button to proceed with the registration. The Registration window (Figure 24) displays.

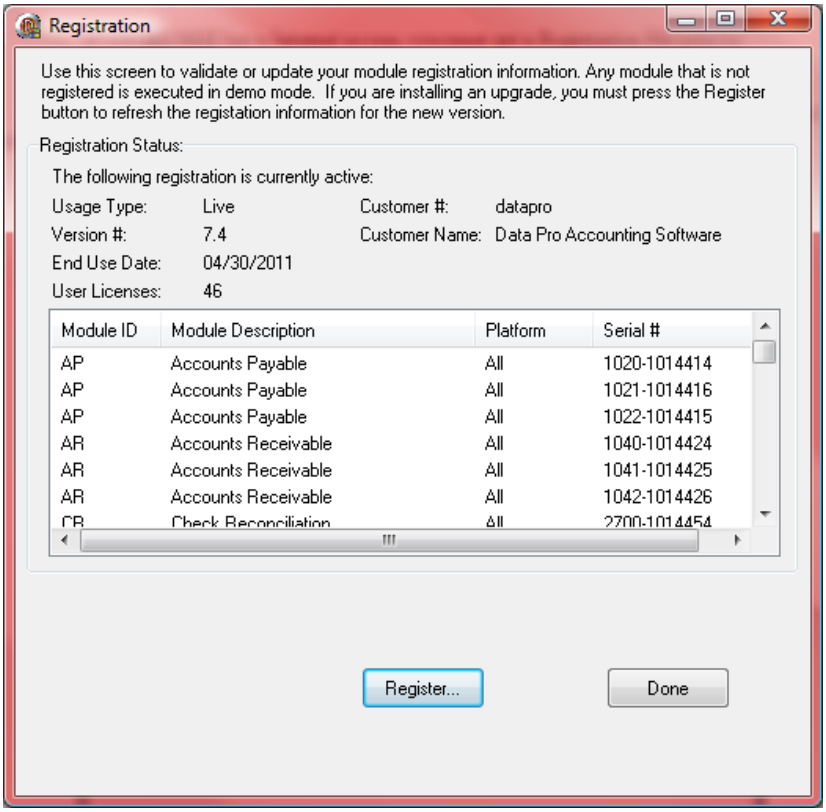

Registration
Use this screen to validate or update your module registration information. Any module that is not registered is executed in demo mode. If you are installing an upgrade, you must press the Register button to refresh the registation information for the new version.
Registration Status:
The following registration is currently active:
Usage Type: Live
Customer #: datapro
Version #: 7.4
Customer Name: Data Pro Accounting Software
End Use Date: 04/30/2011
User Licenses: 46
Module ID
Module Description
Platform
Serial #
AP Accounts Payable All 1020-1014414
AP Accounts Payable All 1021-1014416
AP Accounts Payable All 1022-1014415
AR Accounts Receivable All 1040-1014424
AR Accounts Receivable All 1041-1014425
AR Accounts Receivable All 1042-1014426
Register...
Done

Figure 24 Registration Window

2. Click the **Register** button. The Register Modules (Figure 25) window displays.

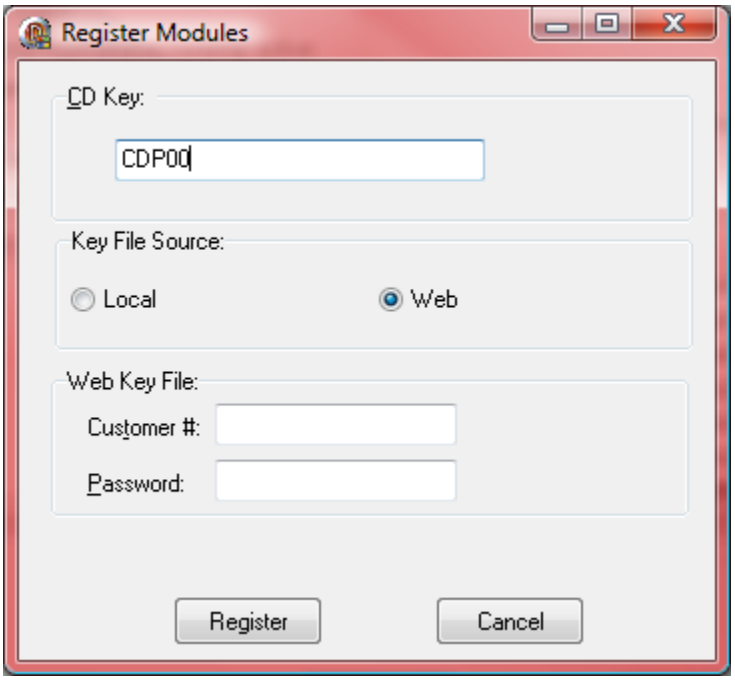


Figure 25 Register Modules Window

3. Enter your **CDP Key**.

4. If you have internet access, select **Web** as the Key File Source.

5. Enter your **Customer #** and **Password** in the appropriate text boxes. This is the same Customer Number and Password you use when logging into our website at **www.dpro.com**.

6. <Click> the **Register** button. The system displays your registered modules (Figure 26). If this is a subsequent installation, you will see this screen immediately upon clicking on **"Register."**

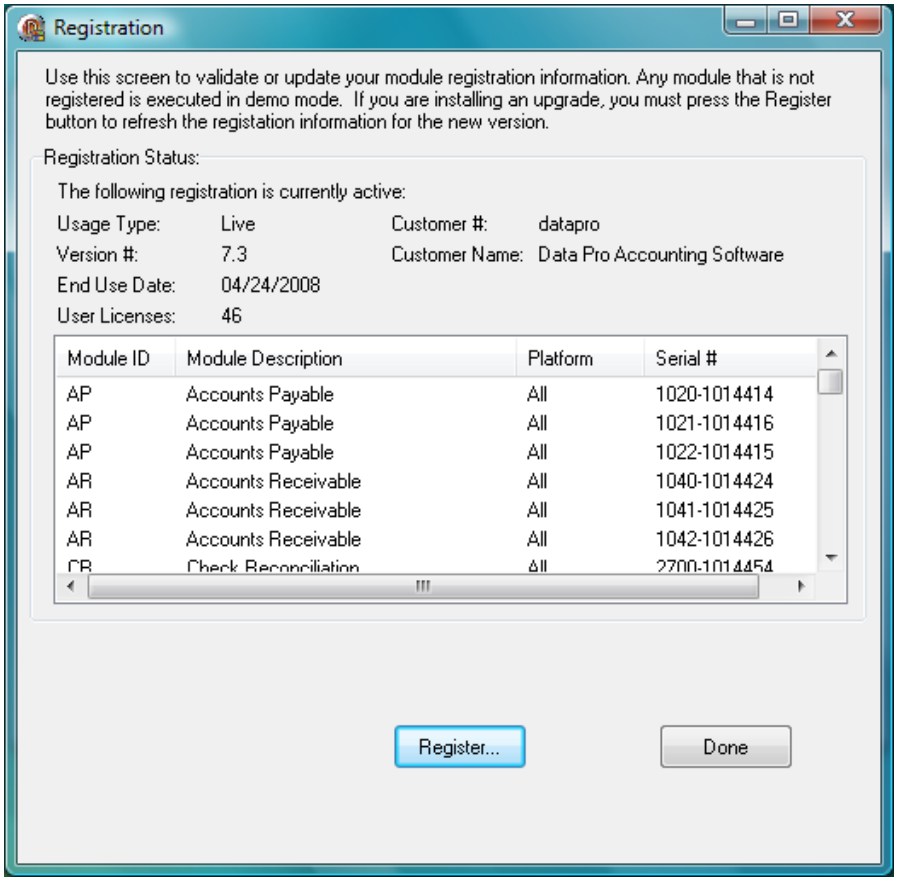

Registration
Use this screen to validate or update your module registration information. Any module that is not registered is executed in demo mode. If you are installing an upgrade, you must press the Register button to refresh the registation information for the new version.
Registration Status:
The following registration is currently active:
Usage Type: Live
Customer #: datapro
Version #: 7.3
Customer Name: Data Pro Accounting Software
End Use Date: 04/24/2008
User Licenses: 46
Module ID
Module Description
Platform
Serial #
AP Accounts Payable All 1020-1014414
AP Accounts Payable All 1021-1014416
AP Accounts Payable All 1022-1014415
AR Accounts Receivable All 1040-1014424
AR Accounts Receivable All 1041-1014425
AR Accounts Receivable All 1042-1014426
Register...
Done

Figure 26 Register Window>Display Modules

7. <Click> the **Done** button. The Step 3: Build Character-based Program Menu window displays. If you **DO NOT** have Internet Access on your accounting server, go to the following **GETREG Utility** section first.

GETREG Utility

If you **DO NOT** have **Internet Access** on your accounting server, you can load the **GetReg.exe** utility from the current CD. This utility will allow you to receive your **Registration File** via the Internet on **any** computer connected to the Internet and **Save** the **Registration File** to a CD-ROM, Floppy Disk or Network Drive for use during the registration process. If you do not have **Internet Access** at all, please request a **Registration File** disk from Data Pro **PRIOR to INSTALLATION.**

1. The **GetRegSetup.exe** is located in the **Products>Windows** directory (Figure 27) of the CD-ROM.

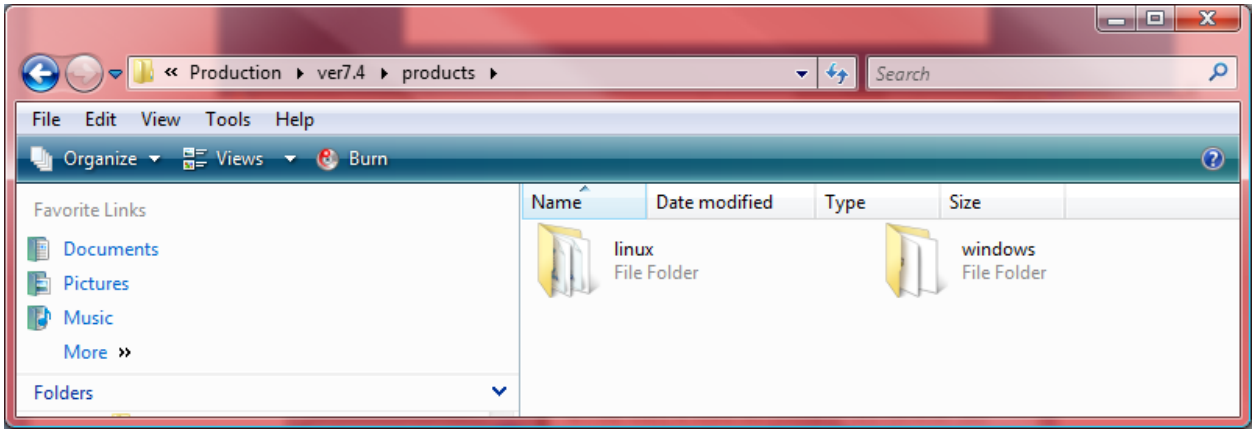


Figure 27 Products/Windows Directory

2. <Double-click> on **GetRegSetup.exe** (Figure 28).

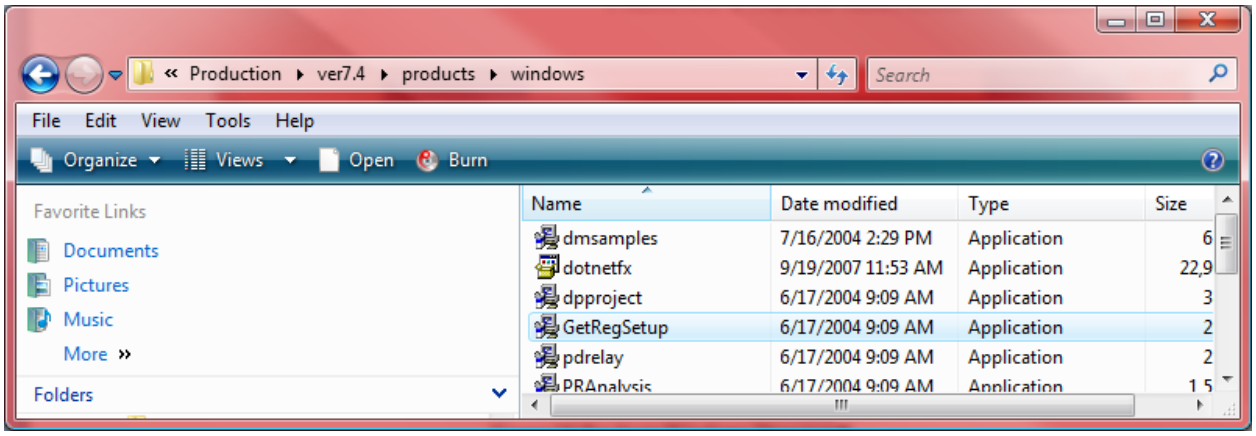


Figure 28 GetRegSetup.exe

The **Welcome** screen (Figure 29) displays.

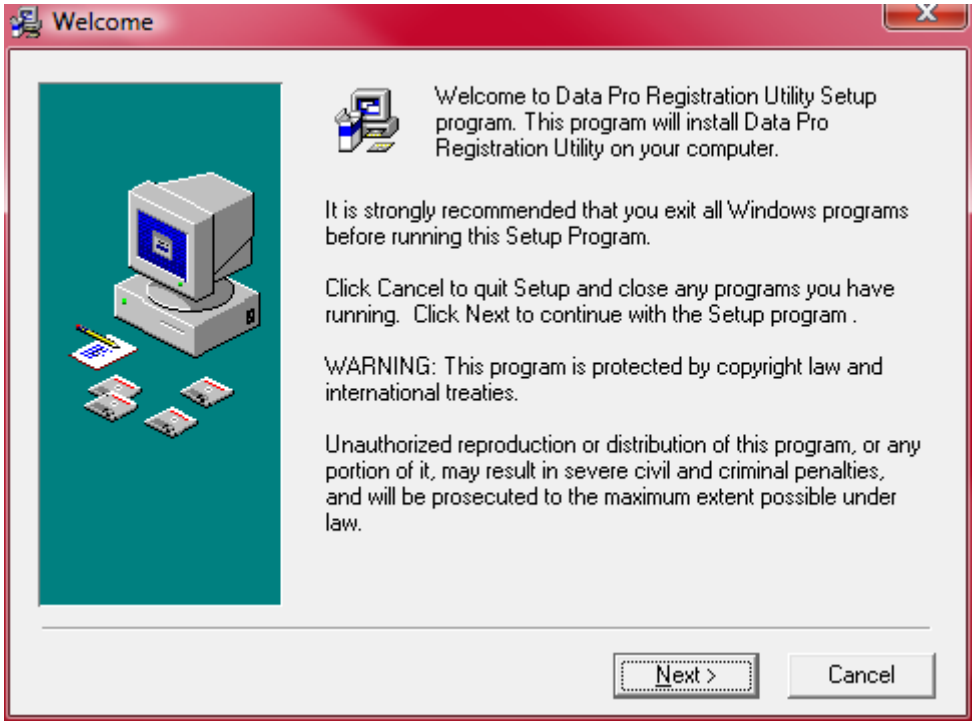

Welcome
Welcome to Data Pro Registration Utility Setup program. This program will install Data Pro Registration Utility on your computer.
It is strongly recommended that you exit all Windows programs before running this Setup Program.
Click Cancel to quit Setup and close any programs you have running. Click Next to continue with the Setup program .
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
Next >
Cancel

Figure 29 Welcome – Registration Utility Setup Program

3. Click> the **Next >** button to continue the installation process. The **Choose Destination Location** window (Figure 30) displays.

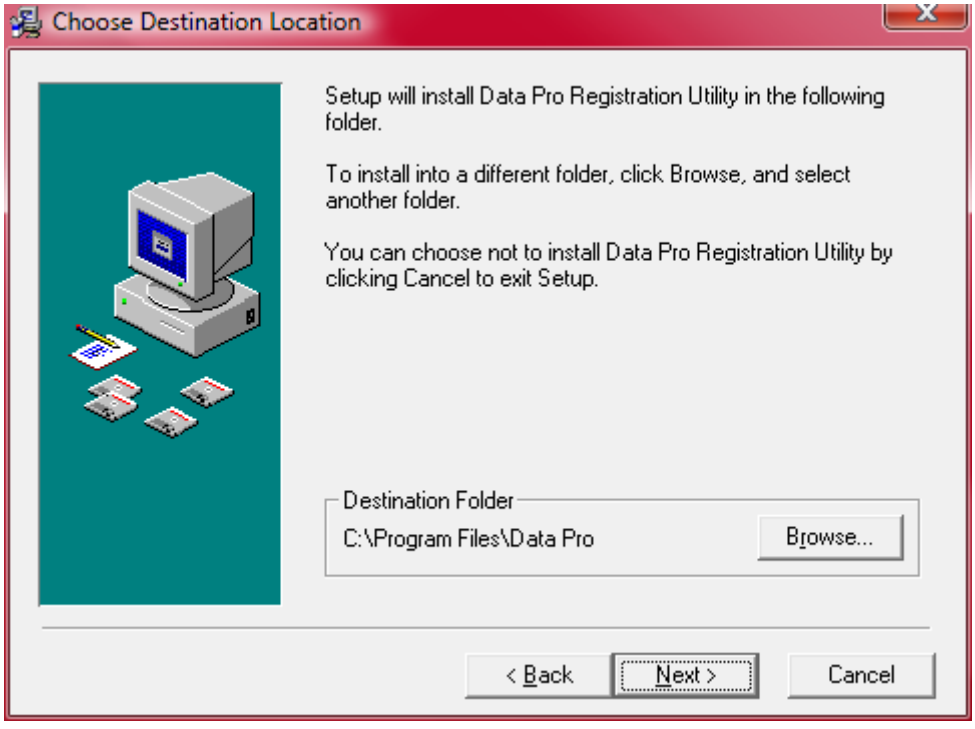

Choose Destination Location
Setup will install Data Pro Registration Utility in the following folder.
To install into a different folder, click Browse, and select another folder.
You can choose not to install Data Pro Registration Utility by clicking Cancel to exit Setup.
Destination Folder
C:\Program Files\Data Pro
Browse...
< Back
Next >
Cancel

Figure 30 Choose Destination Location Window

4. Install the **GetReg Utility** in whichever directory you want the Registration File to be saved into. You may choose the default, or click the **Browse…** button to select another location. <Click> the **Next >** button. The **Select Program Manager Group** window (Figure 31) displays.

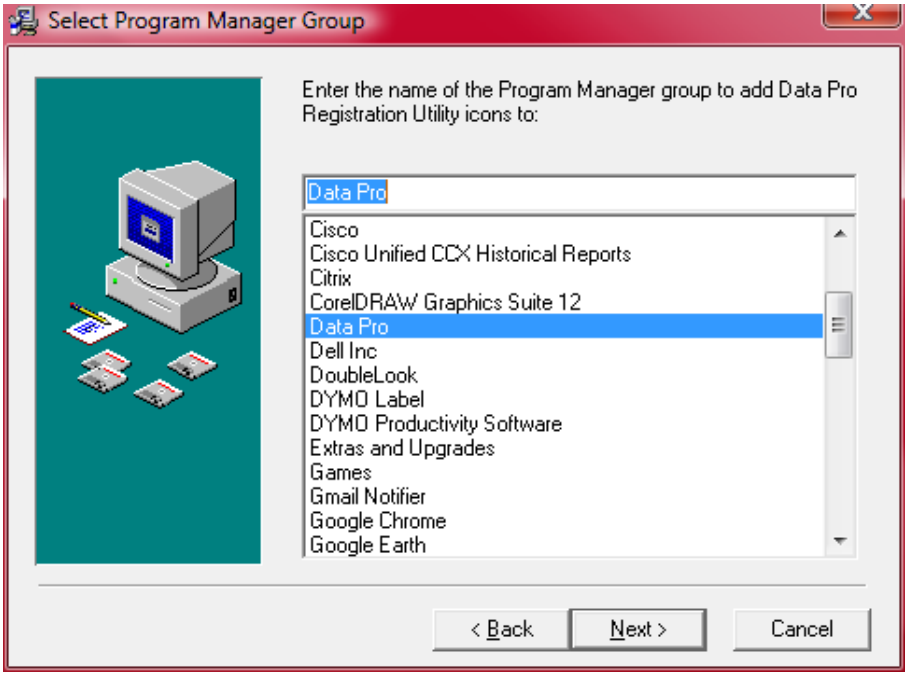


Figure 31 Select Program Manager Group Window

5. Select **Data Pro** or the program name you specified when installing **Infinity POWER** as the Program Manager group the <click> the **Next >** button. The **Start Installation** window (Figure 32) displays.

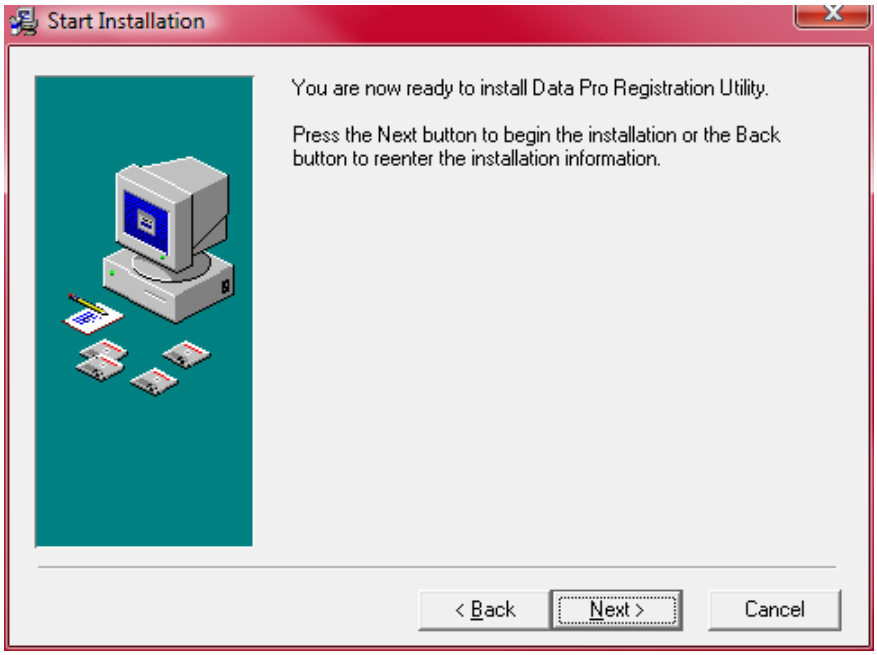

Start Installation
You are now ready to install Data Pro Registration Utility.
Press the Next button to begin the installation or the Back button to reenter the installation information.
< Back
Next >
Cancel

Figure 32 Start Installation Window

6. <Click> the **Next >** button to begin installing the Registration Utility. The **Installation Complete** window (Figure 33) displays.

7. <Click> the **Finish >** button to complete the installation of the **GetReg** utility.

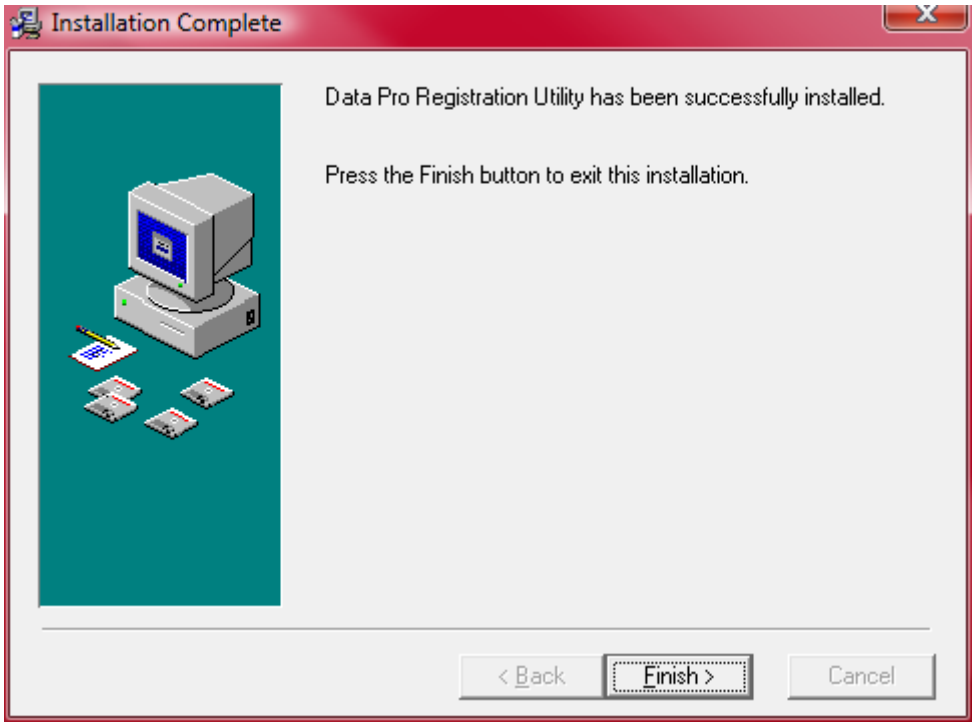

Installation Complete
Data Pro Registration Utility has been successfully installed.
Press the Finish button to exit this installation.
< Back
Finish >
Cancel

Figure 33 Installation Complete Window

8. To run the program, choose **Programs>Data Pro> GetReg** from the Window's Start Menu. The Registration Key Download window displays.

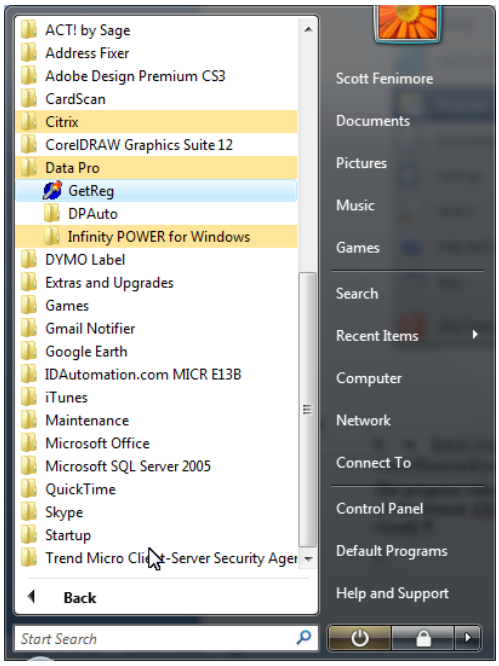
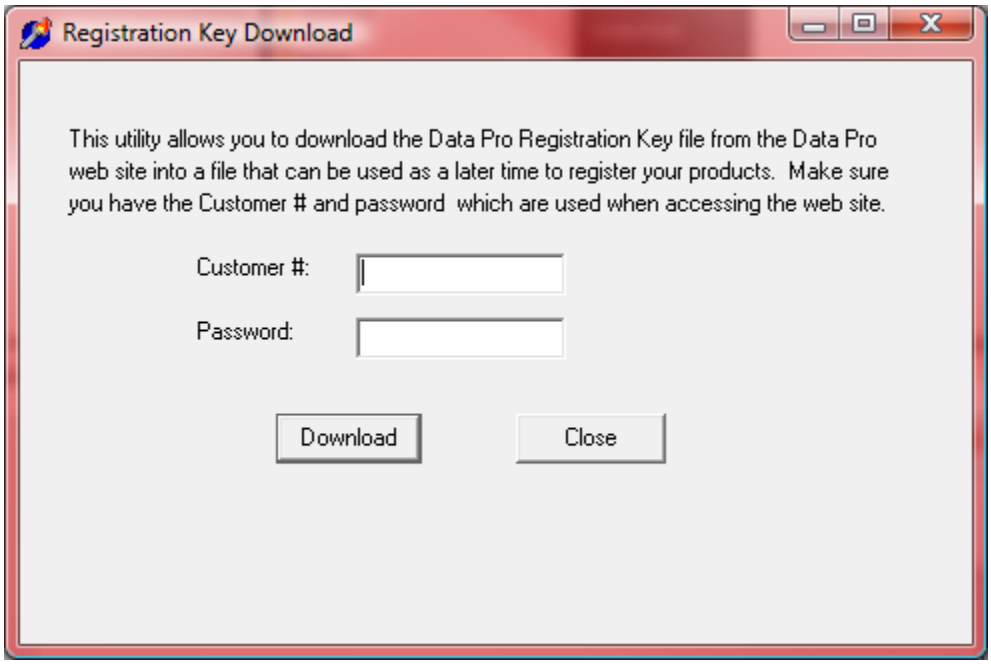


Figure 34 Programs>Data Pro>GetReg

9. Enter your **Customer #** and **Password** in the appropriate text boxes. This is the same Customer # and Password you use to login to the **www.dpro.com** Web Site.


Registration Key Download
This utility allows you to download the Data Pro Registration Key file from the Data Pro web site into a file that can be used as a later time to register your products. Make sure you have the Customer # and password which are used when accessing the web site.
Customer #:
Password:
Download
Close

The program writes a ***.key*** file to the directory where the **GetReg** program is loaded. The filename will be of the format **CUSTNUMBER.key** with **CUSTNUMBER** being the Customer Number you entered previously.

Registration Key Download
This utility allows you to download the Data Pro Registration Key file from the Data Pro web site into a file that can be used as a later time to register your products. Make sure you have the Customer # and password which are used when accessing the web site.
Customer #:
datapro
Password:
Download
Close
The file C:\Program Files\Data Pro\datapro.key has been created.

Figure 35 Registration Key Download Window

10. You can then copy this file to a floppy, a CD-ROM or a network drive accessible by the computer running your accounting programs. During the Installation process, select **Local** as the Key File Source.

11. <Click> the **Browse…** button and locate the ***key*** file. The filename will be in the form of *yourcustomernumber.key*.

12. <Click> the **Register** button.

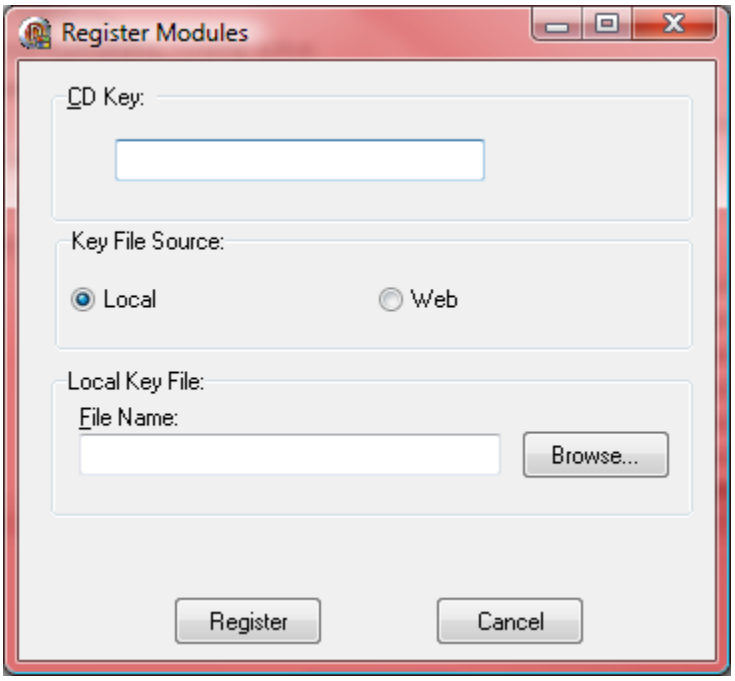


Figure 36 Register Modules Window

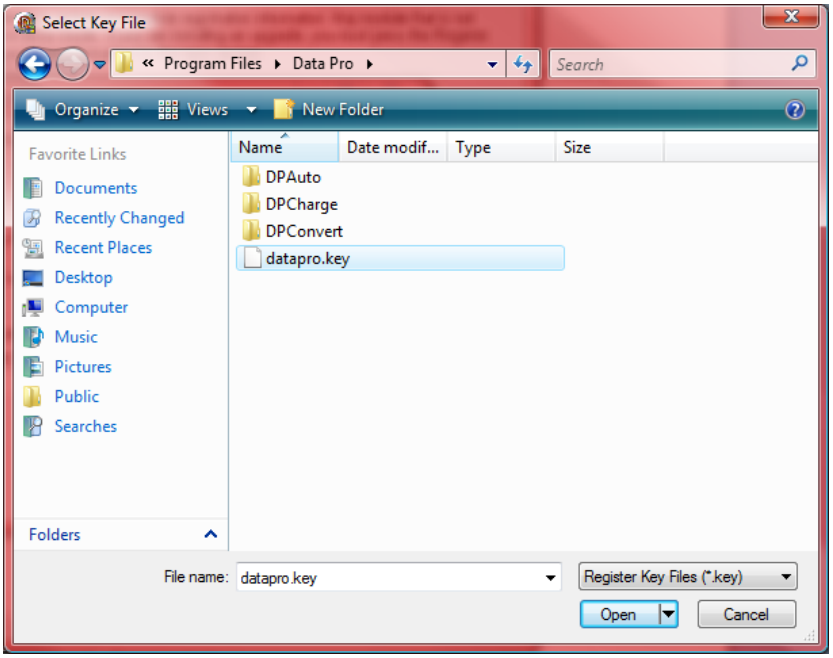


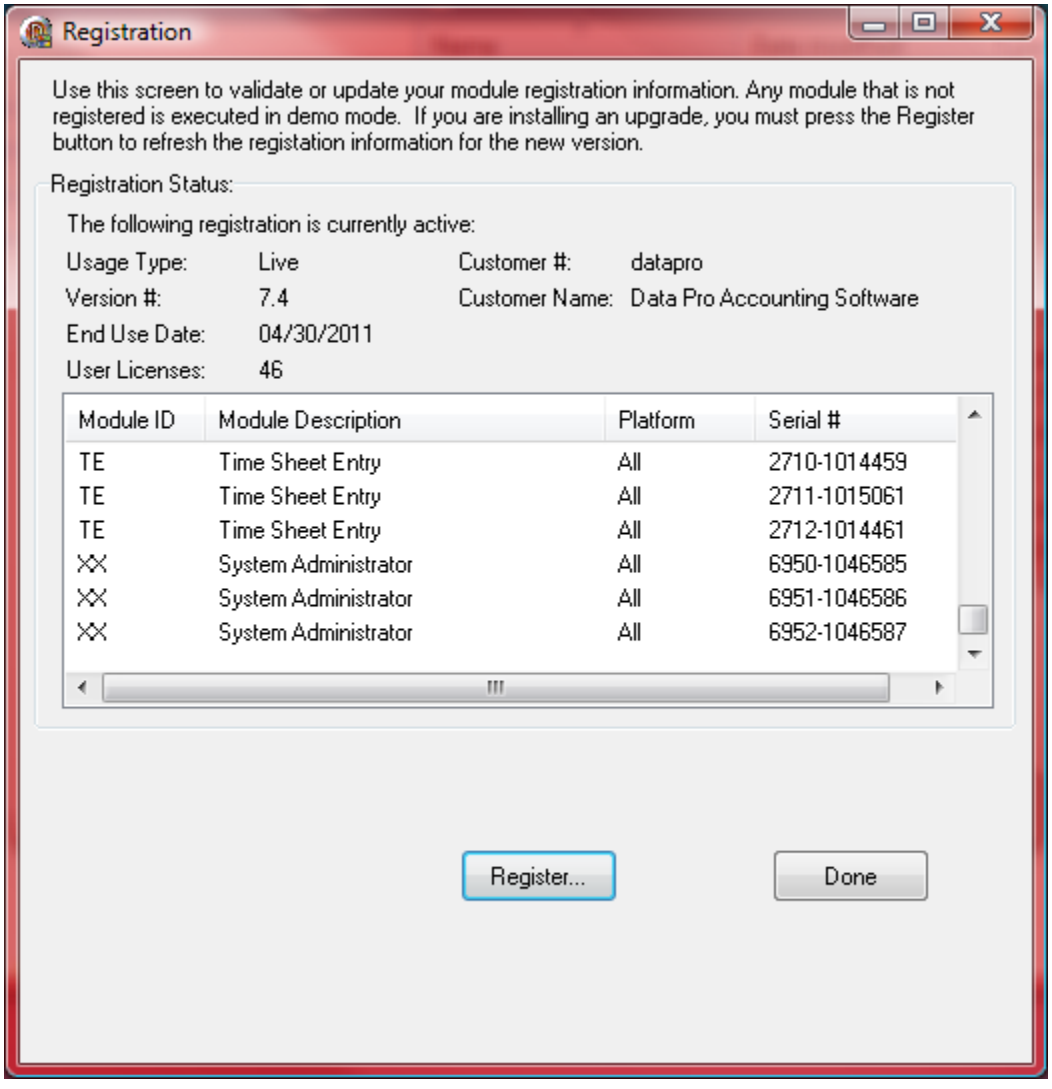
Figure 37 Select Key File Window

13. <Click> the **Open** button.

NOTE

Please note that this screen lists only one **System Administrator** module. Although Data Pro Accounting Software offers two **(2)** choices of this product **(the Standard or Client/Server SQL version)**, you will only see the version you have purchased on the screen. This Serial Number's first three characters represent the actual part number of the product and therefore, the actual version of the **System Administrator** you are installing. If your Serial Number does not include the correct part number for what you believe you should be installing at this time, please contact **Data Pro Accounting Software** or your Dealer immediately. The possible choices for part numbers are:

- **Standard Version (Part #100)**
- **Client/Server SQL Version (Part #695)**


Registration
Use this screen to validate or update your module registration information. Any module that is not registered is executed in demo mode. If you are installing an upgrade, you must press the Register button to refresh the registation information for the new version.
Registration Status:
The following registration is currently active:
Usage Type: Live
Customer #: datapro
Version #: 7.4
Customer Name: Data Pro Accounting Software
End Use Date: 04/30/2011
User Licenses: 46
Module ID
Module Description
Platform
Serial #
TE Time Sheet Entry All 2710-1014459
TE Time Sheet Entry All 2711-1015061
TE Time Sheet Entry All 2712-1014461
XX System Administrator All 6950-1046585
XX System Administrator All 6951-1046586
XX System Administrator All 6952-1046587
Register...
Done

If you do not have a **Registration File**, you may continue the installation process and allow the software to be installed in **"Demo Mode."** This will allow you to evaluate the software until such time you receive your **Registration file. "Demo Mode"** does have file size limitations and other restrictions that will prevent you from completely being able to process on-line, but does allow you to get started.

The next screen will prompt you to **"Build Character-based Program Menu"** (Figure 38).

STEP 3: BUILD CHARACTER-BASED PROGRAM MENU

This may be done later but should be done now since it does not take long, depending on the speed on your computer. This information is generated to provide the program menu for the character based version of **Infinity POWER** depending on the modules you have installed or updated.

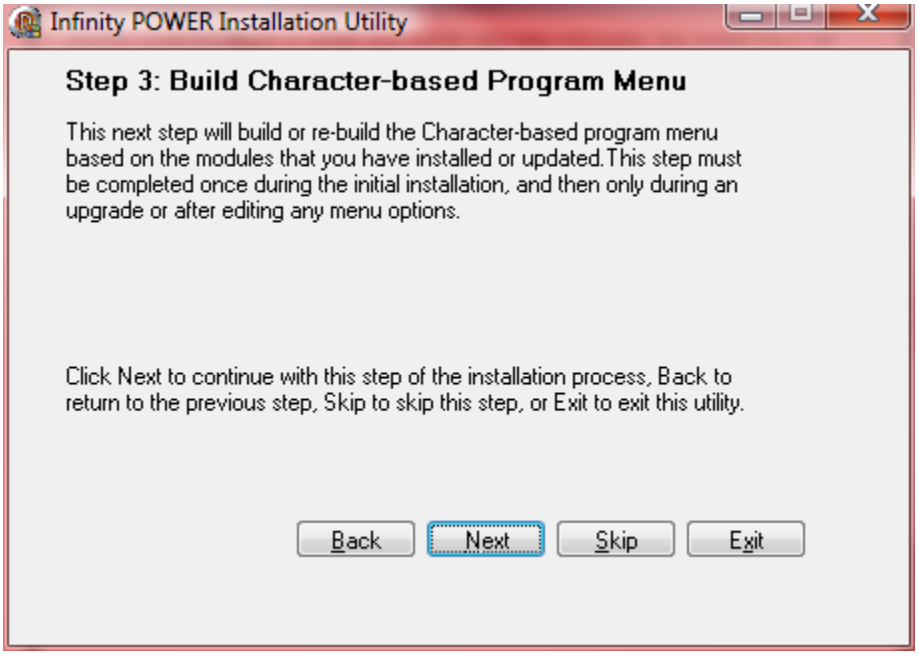

Infinity POWER Installation Utility
Step 3: Build Character-based Program Menu
This next step will build or re-build the Character-based program menu based on the modules that you have installed or updated. This step must be completed once during the initial installation, and then only during an upgrade or after editing any menu options.
Click Next to continue with this step of the installation process, Back to return to the previous step, Skip to skip this step, or Exit to exit this utility.
Back
Next
Skip
Exit

Figure 38 Step 3: Build Character-based Program Menu Window

1. From the **Step 3: Build Character-based Program Menu**, <click> the **Next** button. The **Building Program Menu** window (Figure 39) displays. If you are not going to run the character-based version, <click> the **Skip** button.

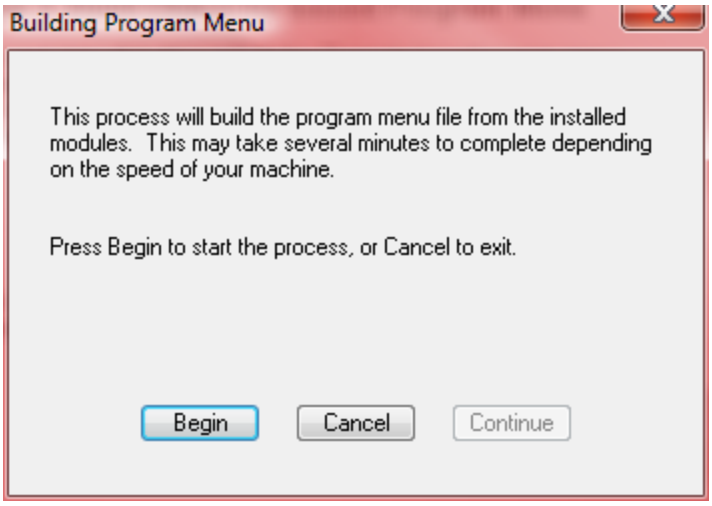
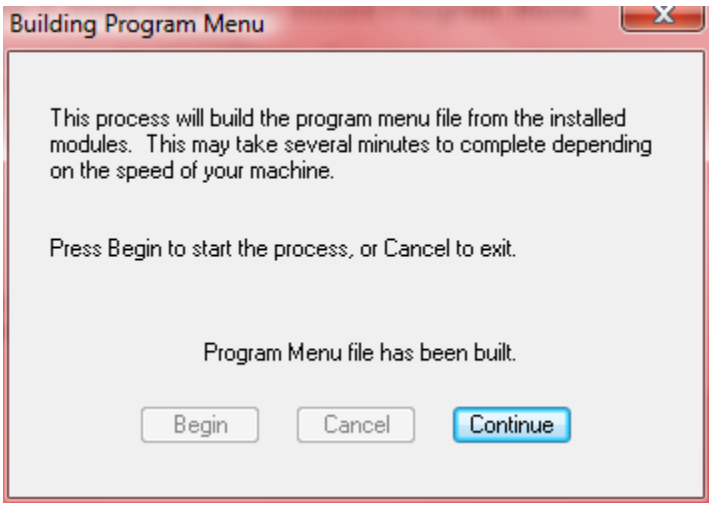

Building Program Menu
This process will build the program menu file from the installed modules. This may take several minutes to complete depending on the speed of your machine.
Press Begin to start the process, or Cancel to exit.
Begin
Cancel
Continue

Figure 39 Building Program Menu Window


Building Program Menu
This process will build the program menu file from the installed modules. This may take several minutes to complete depending on the speed of your machine.
Press Begin to start the process, or Cancel to exit.
Program Menu file has been built.
Begin
Cancel
Continue

2. <Click> the **Begin** button. Depending on the speed on your system, it may be very quick or take a few minutes.

3. Once the Data Dictionary has been built, <click> the **Continue** button. The **Step 4: Create Data Dictionary for Report Writer** window (Figure 40) displays.

STEP 4: CREATE DATA DICTIONARY FOR REPORT WRITER

The next screen will prompt you to **"Create Data Dictionary for Report Writer."** This may be done later but should be done now since it does not take long, depending on the speed on your computer. This information is generated to provide the **Infinity POWER Report Writer** module with an information set of all of the installed modules so it knows the whole scope of data files and fields reports can be generated from.

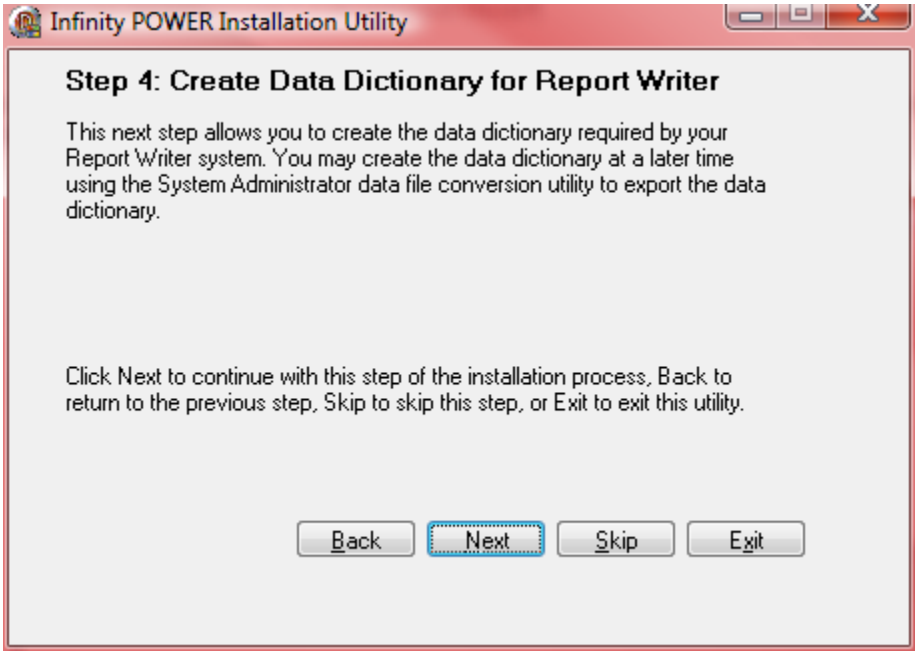
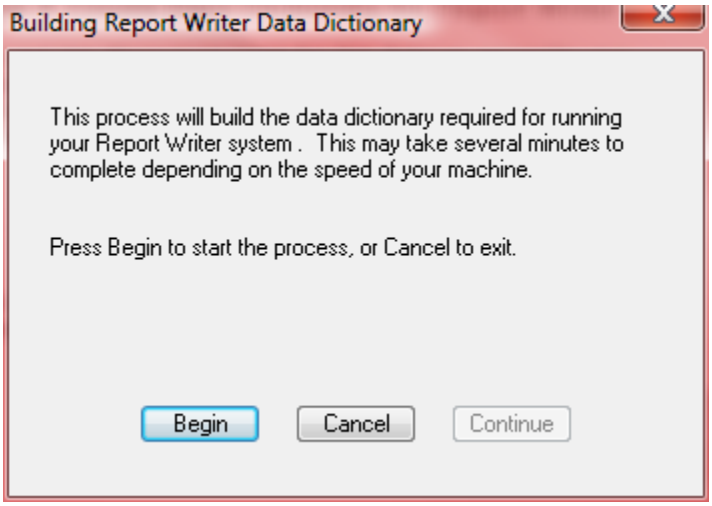

Infinity POWER Installation Utility
Step 4: Create Data Dictionary for Report Writer
This next step allows you to create the data dictionary required by your Report Writer system. You may create the data dictionary at a later time using the System Administrator data file conversion utility to export the data dictionary.
Click Next to continue with this step of the installation process, Back to return to the previous step, Skip to skip this step, or Exit to exit this utility.
Back
Next
Skip
Exit

Figure 40 Step 4: Create Data Dictionary for Report Writer

From the **Step 4: Create Data Dictionary for Report Writer** window (Figure 40), <click> the **Next** button. The **Building Report Writer Data Dictionary** window (Figure 41) displays.


Building Report Writer Data Dictionary
This process will build the data dictionary required for running your Report Writer system . This may take several minutes to complete depending on the speed of your machine.
Press Begin to start the process, or Cancel to exit.
Begin
Cancel
Continue

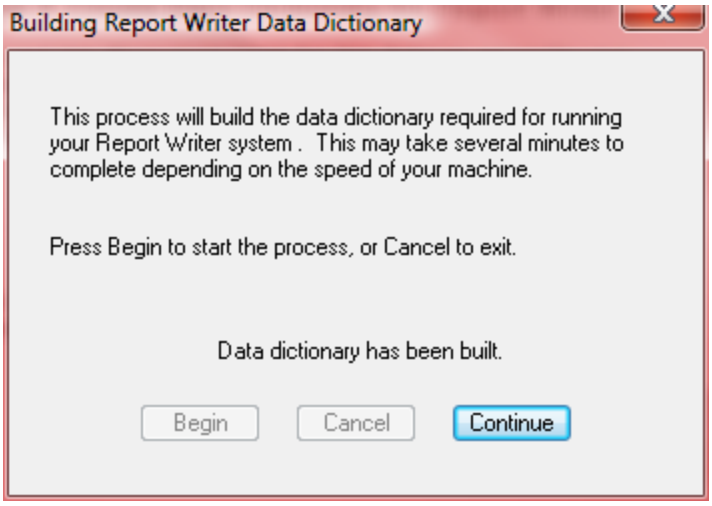

Building Report Writer Data Dictionary
This process will build the data dictionary required for running your Report Writer system . This may take several minutes to complete depending on the speed of your machine.
Press Begin to start the process, or Cancel to exit.
Data dictionary has been built.
Begin
Cancel
Continue

Figure 41 Building Report Writer Data Dictionary Window

2. <Click> the **Begin** button. Depending on the speed on your system, it may be very quick or take a few minutes.

3. Once the Data Dictionary has been built, <click> the **Continue** button. The **Step 5: Upgrade Data Files** window (Figure 45) displays.

STEP 5: UPGRADE DATA FILES

This option allows you to check all of your data files to determine if they need to be converted. This step should be performed to ensure your data files are compatible with the new version being installed.

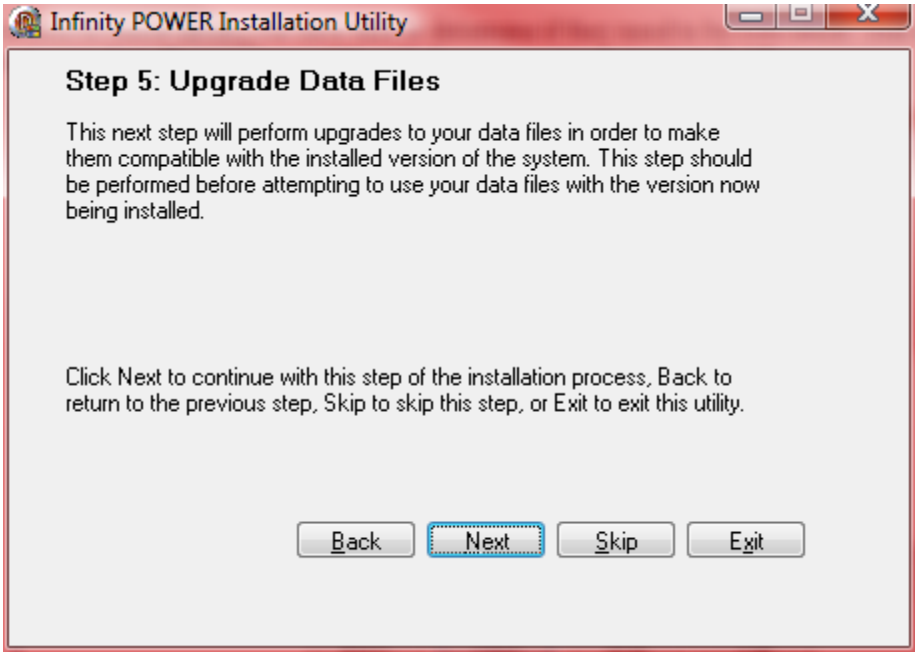

Infinity POWER Installation Utility
Step 5: Upgrade Data Files
This next step will perform upgrades to your data files in order to make them compatible with the installed version of the system. This step should be performed before attempting to use your data files with the version now being installed.
Click Next to continue with this step of the installation process, Back to return to the previous step, Skip to skip this step, or Exit to exit this utility.
Back
Next
Skip
Exit

Figure 42 Step 5: Upgrade Data Files Window

1. From the **Step 5: Upgrade Data Files** window (Figure 42), <click> the **Next** button. The **Upgrade Data Files** window (Figure 43) displays. This step will list the company files in the data path and allow you to choose which companies and the number of years to convert.

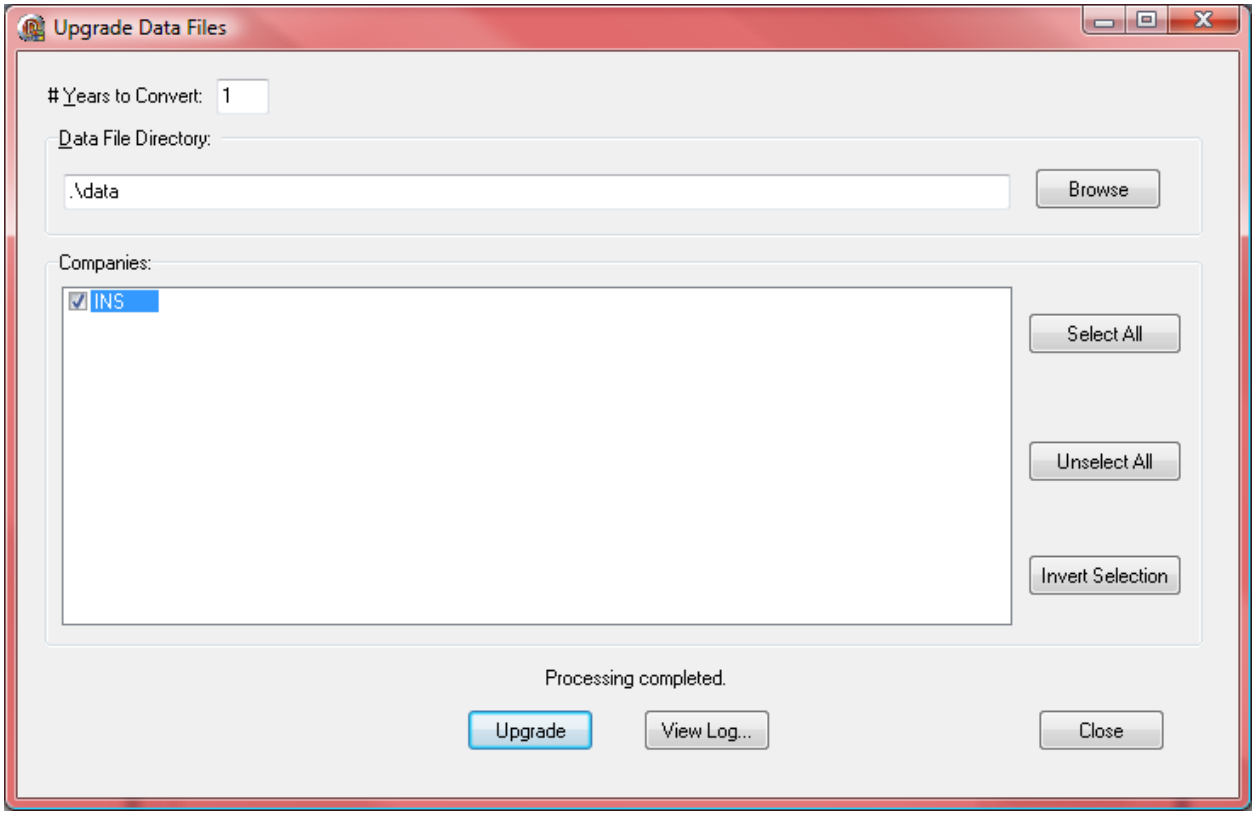
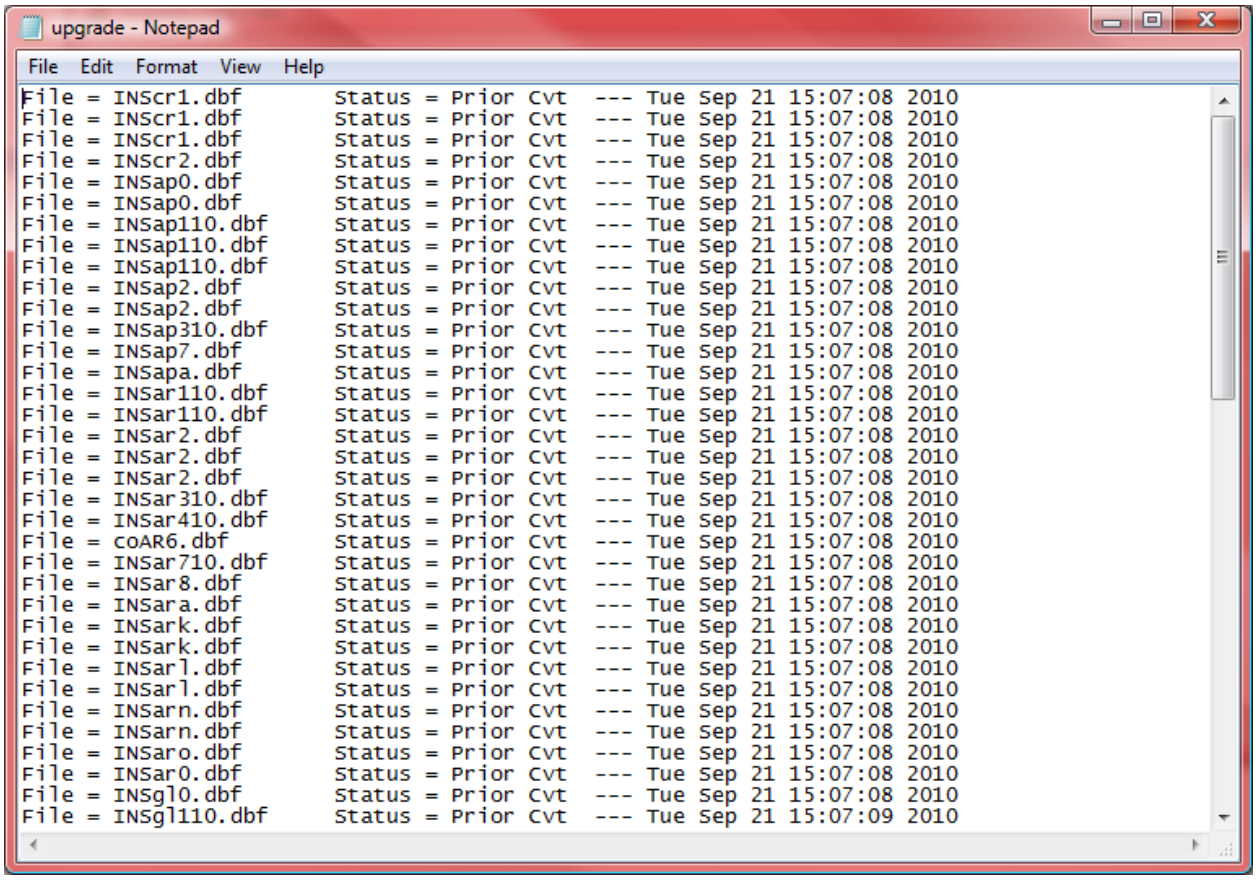


Figure 43 Upgrade Data Files Window

<Click> the **Browse** button to select your data file directory. A listing of companies will display in the Companies list.

Select the desired companies and <click> the **Upgrade** button to begin the upgrade process. Once you are completed with your upgrade, you may click on the **"View Log"** button to view a detailed listing of everything that transpired during the data file conversion. You may also print this out for analysis as well. Click the **"Close"** button when you have completed the process.

The following screen illustrates an example of a conversion log and how it loads the information into the Windows Notepad for viewing.



STEP 6: UPDATE COMPANY RIGHTS

This step allows users to update company rights security tables when running in advanced security mode. Security rights enable a system administrator to grant specific access rights to different security objects throughout the **Infinity POWER** application.

NOTE

You do not have to update all your companies at this time. Depending on how many companies and files you have, it may take a while to update the security tables. You can update these security rights for other companies in **Infinity POWER**. See the ***Security Objects Definitions Reference Manual*** found in your ***System Administrator User Manual*** for a listing of security objects by module and their definitions.

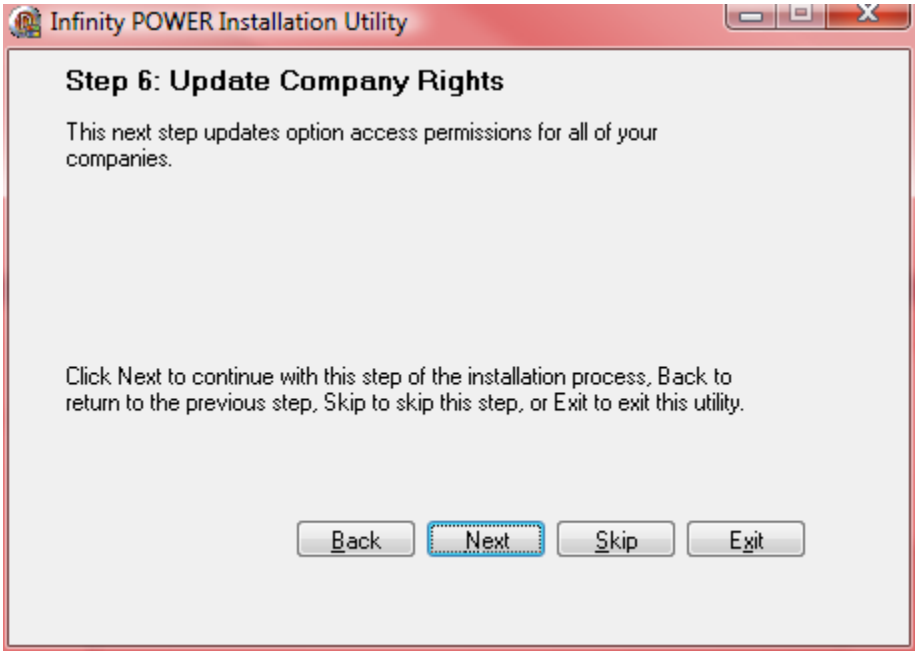
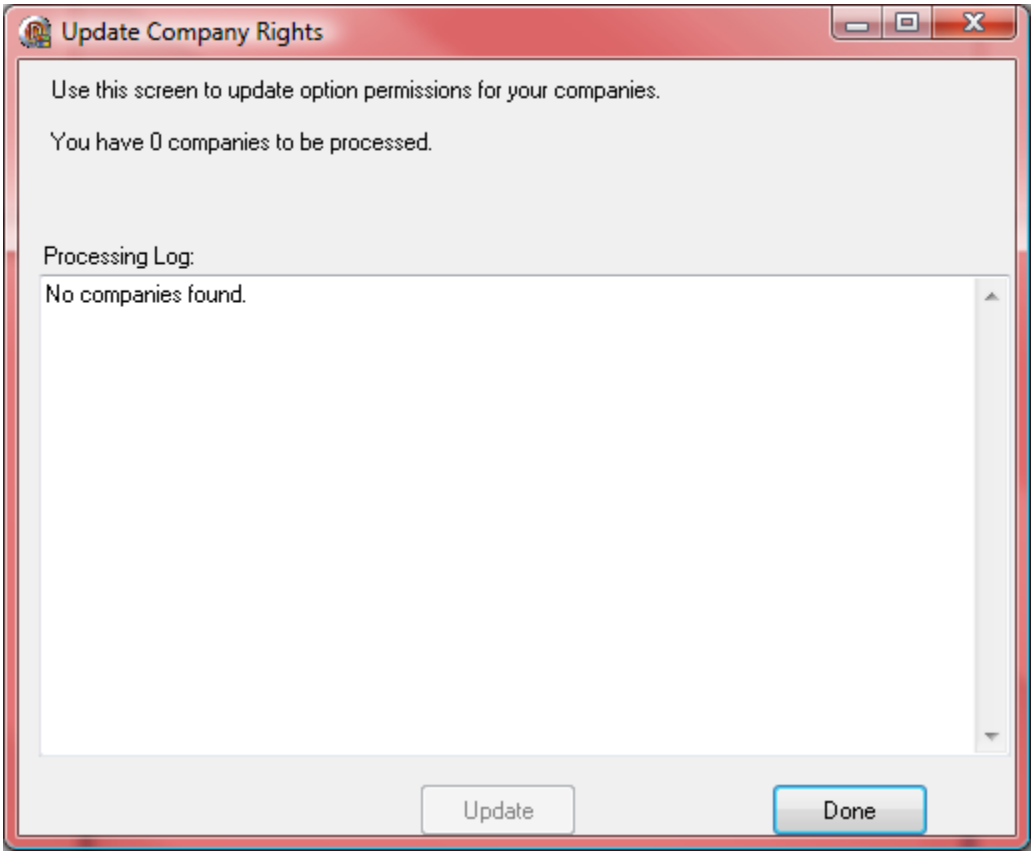

Infinity POWER Installation Utility
Step 6: Update Company Rights
This next step updates option access permissions for all of your companies.
Click Next to continue with this step of the installation process, Back to return to the previous step, Skip to skip this step, or Exit to exit this utility.
Back
Next
Skip
Exit

Figure 44 Step 6: Update Company Rights

Click **"Next"** to continue with the update of the Company Rights. The following screen will be displayed afterwards illustrating how many companies have been updated during this process.



STEP 7: INSTALLATION COMPLETED

This step completes your **Infinity POWER** installation process.

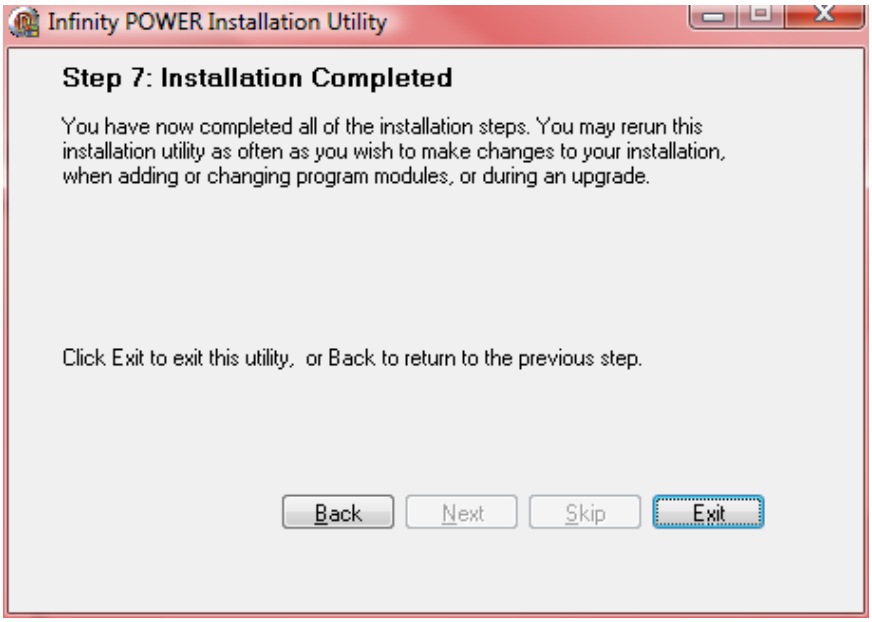

Infinity POWER Installation Utility
Step 7: Installation Completed
You have now completed all of the installation steps. You may rerun this installation utility as often as you wish to make changes to your installation, when adding or changing program modules, or during an upgrade.
Click Exit to exit this utility, or Back to return to the previous step.
Back
Next
Skip
Exit

Figure 45 Step 7: Installation Completed Window

1. From the Step 7: Installation Completed window (Figure 45), <click> the **Next** button. The **InstallShield Wizard Completed** window (Figure 46) displays.

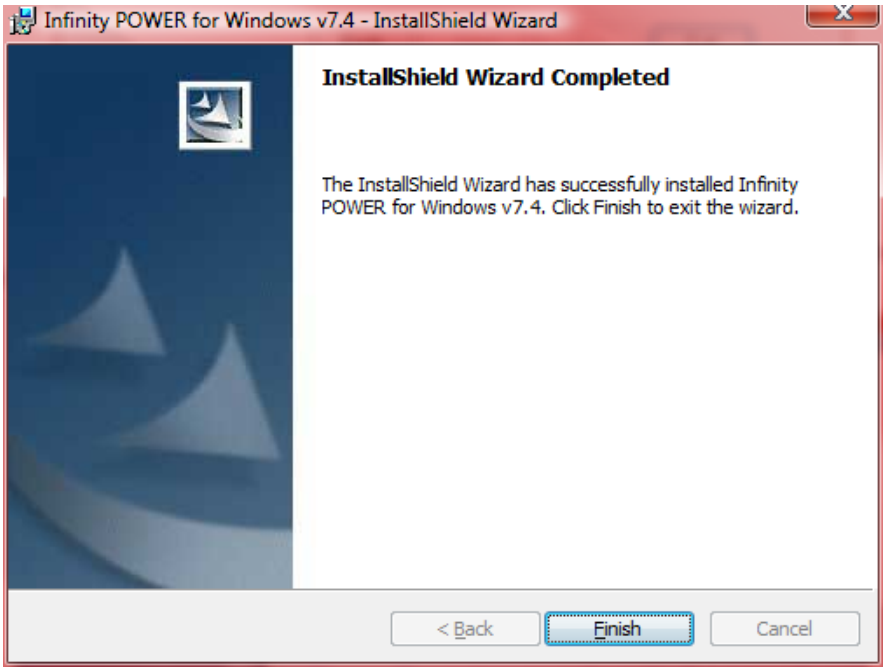

Infinity POWER for Windows v7.4 - InstallShield Wizard
InstallShield Wizard Completed
The InstallShield Wizard has successfully installed Infinity POWER for Windows v7.4. Click Finish to exit the wizard.
< Back
Finish
Cancel

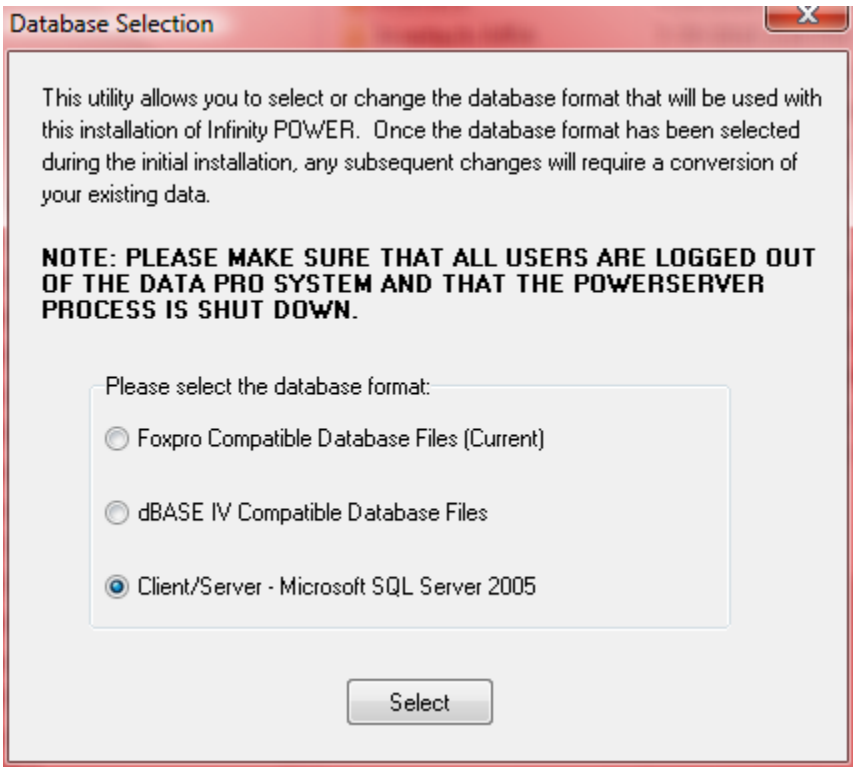
Figure 46 Installation Complete Window

2. <Click> the **Finish** button to complete the installation process.

Congratulations! You have successfully completed the normal Installation Procedure!

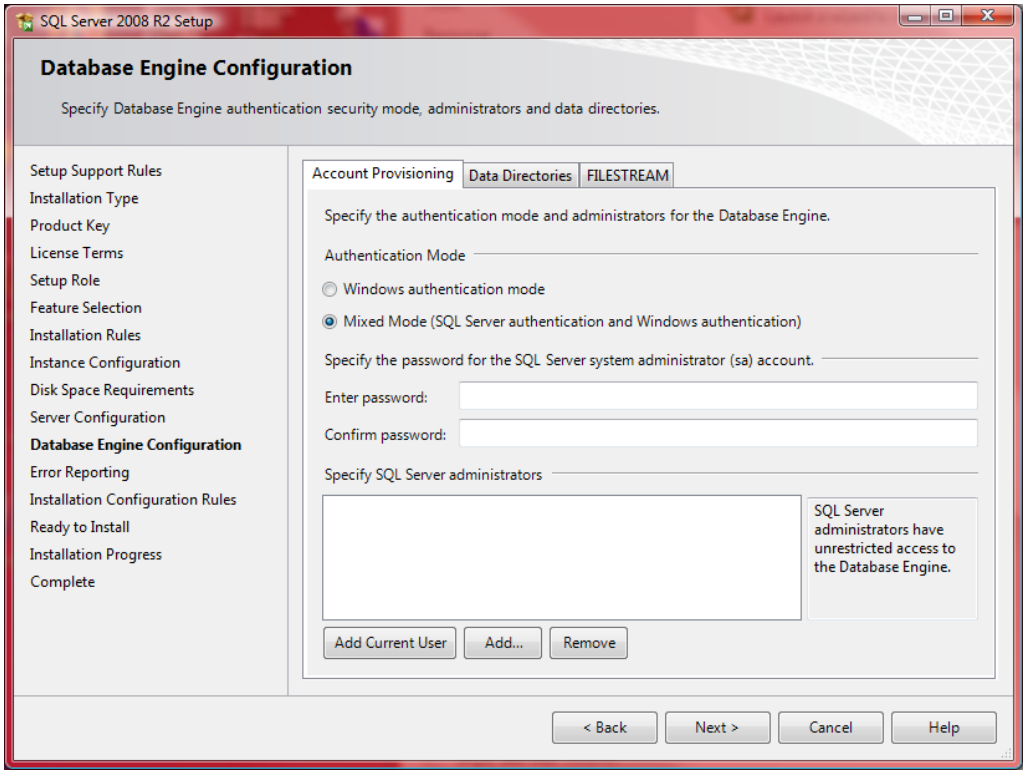
Microsoft SQL Server Installation Special Notes

During the normal installation procedure just completed above, if you selected the database option for **"Client/Server – Microsoft SQL Server"** as shown below:

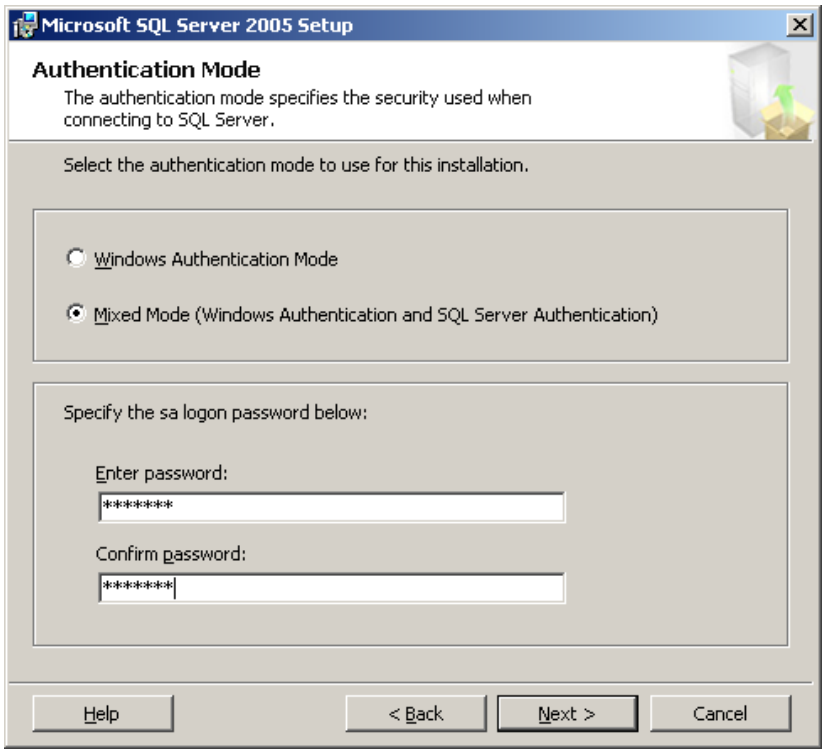

Database Selection
This utility allows you to select or change the database format that will be used with this installation of Infinity POWER. Once the database format has been selected during the initial installation, any subsequent changes will require a conversion of your existing data.
NOTE: PLEASE MAKE SURE THAT ALL USERS ARE LOGGED OUT OF THE DATA PRO SYSTEM AND THAT THE POWERSERVER PROCESS IS SHUT DOWN.
Please select the database format:
Foxpro Compatible Database Files (Current)
dBASE IV Compatible Database Files
Client/Server - Microsoft SQL Server 2005
Select

whether you are installing the software on **MS SQL Server 2005** or **2008**, there are a few additional configuration options that you must be sure to do to complete the installation process. First, the **Microsoft SQL Server (2005 or 2008)** are sold separately by Microsoft or an authorized Microsoft reseller. Many users may also be using the widely distributed **SQL Server "Express"** version which has been known to be provided at no charge.

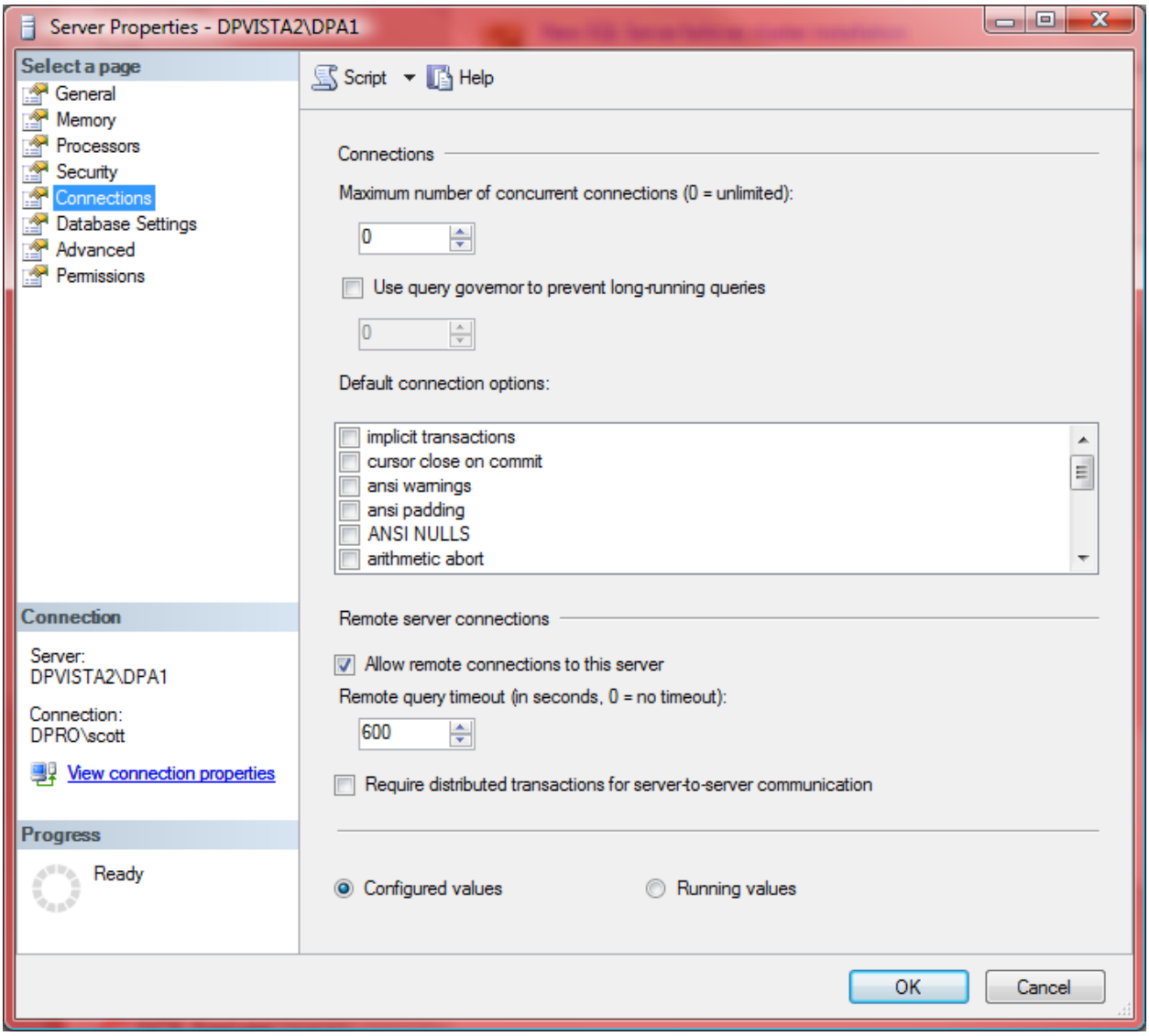
This installation manual assumes that the **Microsoft SQL Server** has been installed **"previous"** to installing the **Infinity POWER** software products. In the configuration of the **SQL Server 2008**, there are setting options that should be defined as shown on the following screen:



The **"Database Engine Configuration"** option should have the setting for **"Mixed Mode"** clicked **"on."** This applies to both the **2005** and **2008** version of the **SQL Server.**


Microsoft SQL Server 2005 Setup
Authentication Mode
The authentication mode specifies the security used when connecting to SQL Server.
Select the authentication mode to use for this installation.
Windows Authentication Mode
Mixed Mode (Windows Authentication and SQL Server Authentication)
Specify the sa logon password below:
Enter password:
****
Confirm password:
****
Help
< Back
Next >
Cancel

Under Server Properties, Connections, there is a setting to ***"Allow remote connections to this server."*** This option must be turned on so that other users on the network can connect to the SQL server. Otherwise, only the administrator or single user defined for the database will be able to access the SQL database. This is of particular importance for those **SQL Express** users to get the **"free"** version of the product. This setting is normally not turned on because the **"Express"** version of the product is designed to be used by a single user on a single computer. However, by changing this setting you will be able to allow other accounting users on the network to gain access to the accounting data in the database.

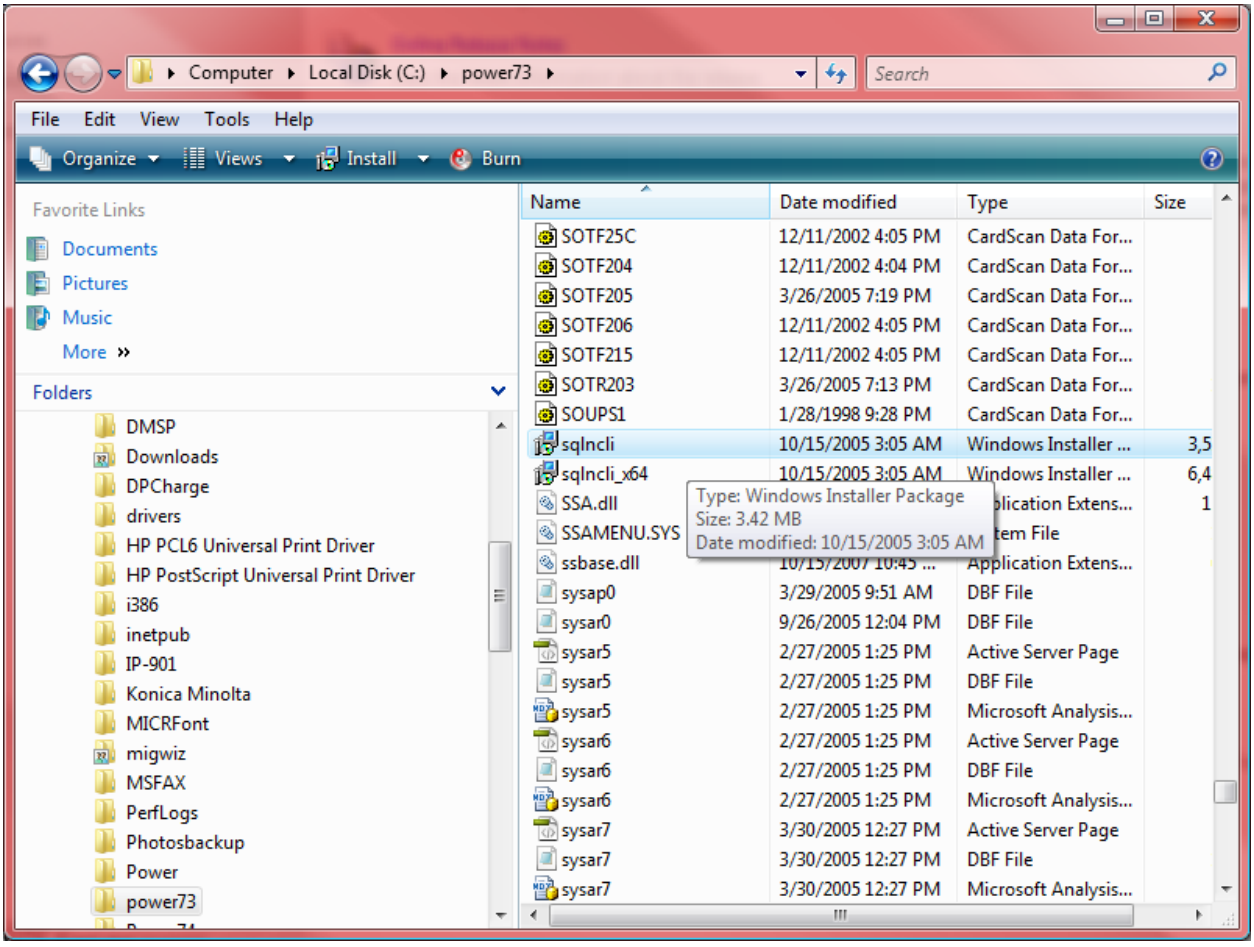


Install the Client Software!

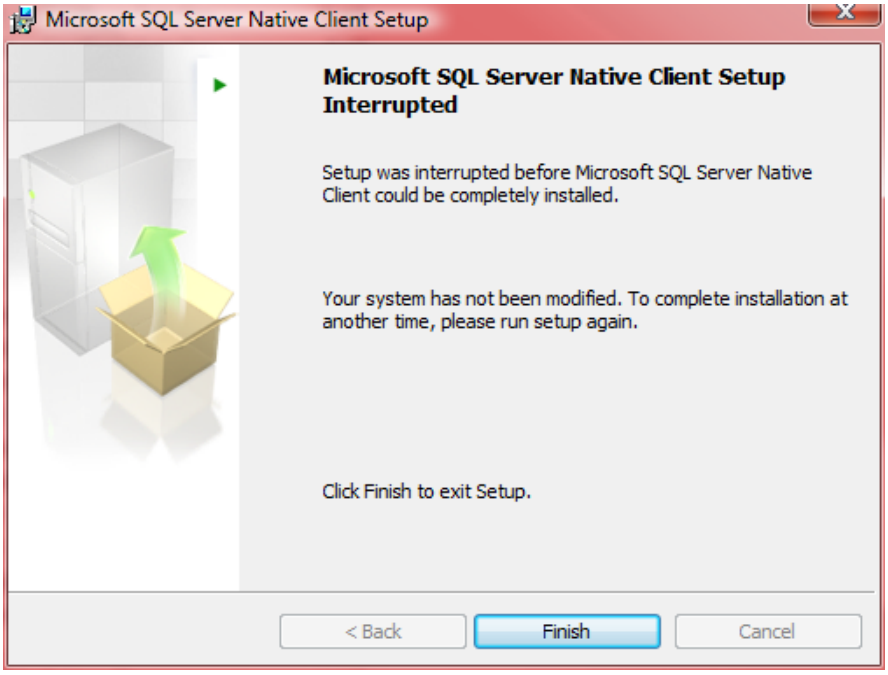
One of the primary requirements is that each user on the network that is going to access the **Infinity POWER** accounting software has two functions that **MUST** be installed so that they can access both the SQL database and the **Infinity POWER** accounting software.

The first **"client"** piece of software that must be installed on each workstation is the **SQL Client** from Microsoft that is automatically distributed in the program directory of **Infinity POWER** when the installation is completed. The following screen illustrates how you can use **Windows Explorer** to go to the **Infinity POWER** program directory to locate the two possible versions of this installer application.

The **"sqlncli"** installer is for **32** bit Windows PCs. The **"sqlncli_x64"** installer is for **64** bit Windows PCs. Double click on the version that matches your particular PC. Each Windows PC that will be accessing the accounting software **MUST** have one of these two client pieces of software installed first.

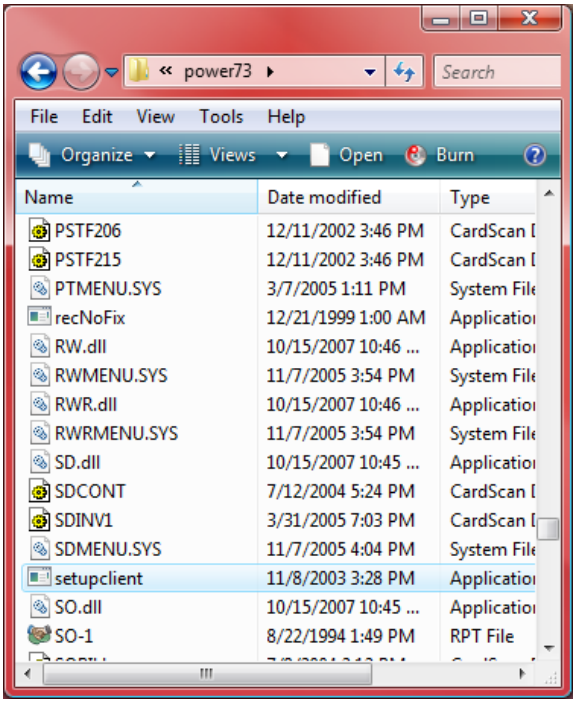


Once you click on the **"sqlncli"** or the **"sqlncli_64"** installer, you will be prompted to follow the Microsoft installation process. Once completed, you will conclude with a screen similar to the following:


Microsoft SQL Server Native Client Setup
Microsoft SQL Server Native Client Setup Interrupted
Setup was interrupted before Microsoft SQL Server Native Client could be completely installed.
Your system has not been modified. To complete installation at another time, please run setup again.
Click Finish to exit Setup.
< Back
Finish
Cancel

SETUPCLIENT

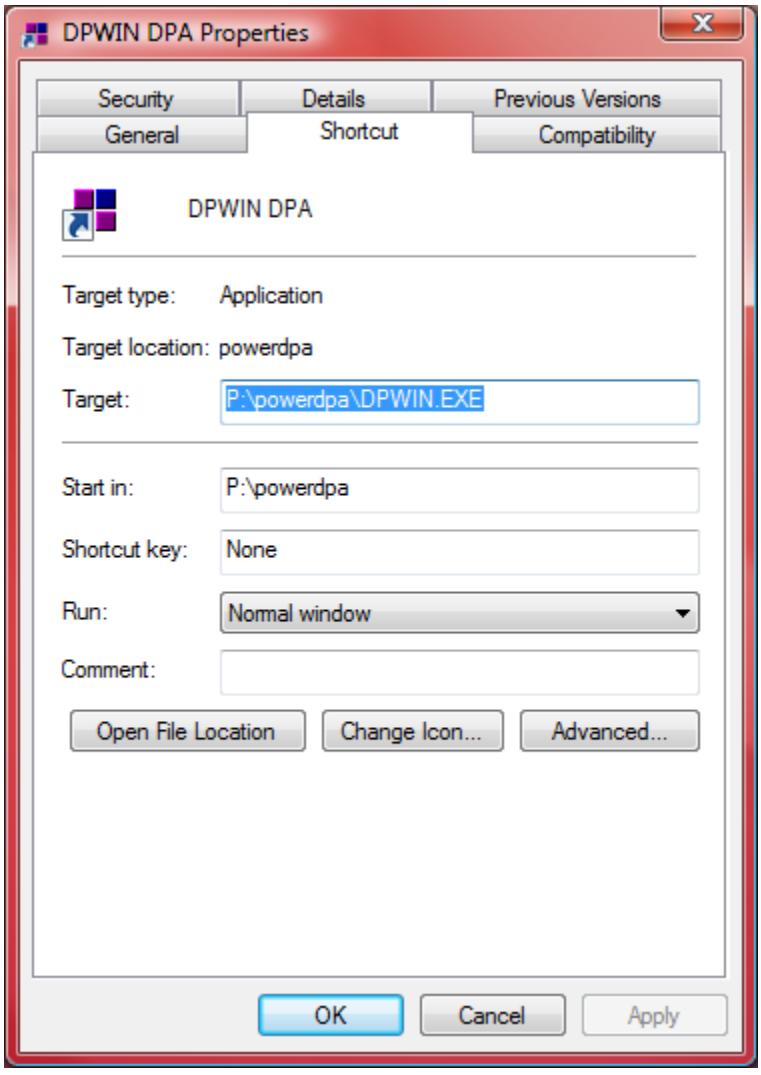
The second **"client"** piece of software that **MUST** be installed on each workstation is the **Infinity POWER "setupclient."** Very simple to install, this utility allows network administrators to create shortcuts that point directly to the accounting programs and data without having to install the accounting software over and over on each workstation. The following screen illustrates how you can use **Windows Explorer** to go to the **Infinity POWER** program directory to locate this installer application.


power73
Search
File Edit View Tools Help
Organize Views Open Burn
Name Date modified Type
PSTF206 12/11/2002 3:46 PM CardScan
PSTF215 12/11/2002 3:46 PM CardScan
PTMENU.SYS 3/7/2005 1:11 PM System File
recNoFix 12/21/1999 1:00 AM Application
RW.dll 10/15/2007 10:46 ... Application
RWMENU.SYS 11/7/2005 3:54 PM System File
RWR.dll 10/15/2007 10:46 ... Application
RWRMENU.SYS 11/7/2005 3:54 PM System File
SD.dll 10/15/2007 10:45 ... Application
SDCONT 7/12/2004 5:24 PM CardScan
SDINV1 3/31/2005 7:03 PM CardScan
SDMENU.SYS 11/7/2005 4:04 PM System File
setupclient 11/8/2003 3:28 PM Application
SO.dll 10/15/2007 10:45 ... Application
SO-1 8/22/1994 1:49 PM RPT File

Prior to running the **"setupclient"** application installer, you would first make sure to **"map"** a drive letter for the network drive that is housing the accounting application and data files so that each workstation knows where to point during the running of the **"setupclient"** installation. If, for example, the accounting server can be found across the network on **"Drive P,"** you would use the **Windows Explorer** function to go to the accounting programs directory on **Drive P** and run the **"setupclient"** installation from that directory while logged in at the various remote workstations.

Once you double click on the **"setupclient"** application installer, a black windows command screen will appear briefly showing that commands have executed successfully and will disappear after just a second or two. However, the result will be that **two** icons will now appear on your desktop. One is for the Windows Graphical Interface **(GUI)** version of the product and the other is for the Character-based version of the product.

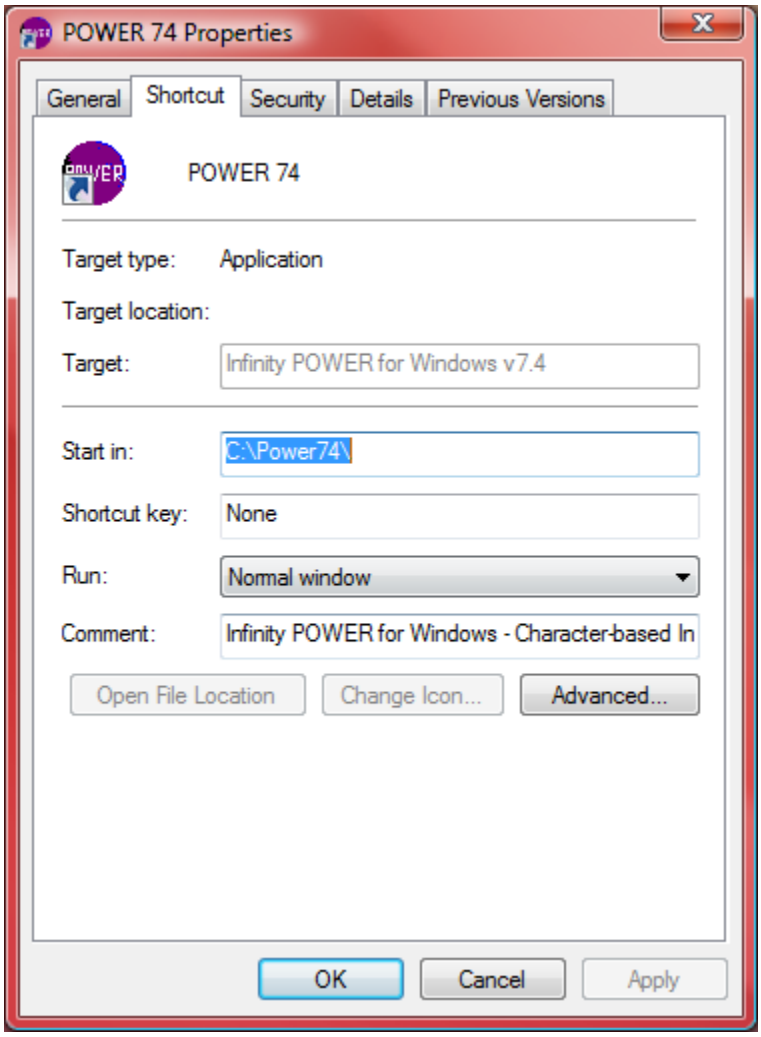
The following screen illustrates the information that you will find when you right click on the **"Properties"** of each icon that is placed on your desktop. Remember, the purpose of these icons is to point each remote accounting user to the location of the **"Accounting Server"** and the firm's accounting data files. This is true regardless of the type of installation that has been made in regards to the database selection for the product ***(i.e. Foxpro, dBase or to an SQL Server)***. As such, the icon will reflect the correct directory path to the remote network drive as its point of destination to the location the accounting application and the data files. This may be run on as many workstations as desired.



The only limitation within the **Infinity POWER** application when it comes to users is the number of **"simultaneous"** users that can be inside the application at one time. You could, in practice, load the **"setupclient"** utility on **100** PCs within the same office. However, may you have a license for **20** Data Pro users. As long as the need doesn't require that more than **20** users at one time be in the software at once, you can choose which of the **100** workstations are using the software at any given time.

The net effect of being able to use this set up option for client workstations is that you never have to upgrade their workstations software! When new version releases become available, your network administrator simply has to make sure that all users are out of the software, at one time, make sure the **POWERServer** is shut down, and load the new upgrade for the software on the main accounting server in one location. Then, when each workstation enters the software the next time, they have all automatically been upgraded at once!

The shortcut for the Character-based version of the software is displayed in the following screen which illustrates the installation properties when the software is installed on a local drive:



MULTI-USER OVERVIEW

General Concepts of (File and Record Locking)

Local Area Networking **(LAN)** and Multi-User operating systems **(Linux)** provide a very useful way to allow different computer systems to share common hardware devices and information. It is the sharing of these hardware devices and the need to share information that is the whole basis of networking/multi-user systems.

Though conceptually a network shares information in much the same way as a full multi-user system, such as a minicomputer or mainframe; networking as referenced here with **Infinity POWER Windows GUI** and **Windows Character-based** modules primarily deals with smaller independent computers which may stand alone, or through the use of networking, share common information.

The hardware aspects of how networking truly works will not be covered here. However, a brief discussion may be necessary to fully understand why there are differences between the programs running in Single-User mode verses multi-user mode.

Unlike other software systems that have been modified to operate in a semi-patchwork way in a network environment, the **Infinity POWER** modules have been specifically developed to work in a **LAN** environment.

There are no cumbersome manager programs to contend with, no real limitations on the number of users that may access the system at one time, ***(other than the specific network's limitations)*****,** and the system is designed to operate at the fastest level of performance capable by the specific network you are utilizing.

You will find virtually no difference in operating one Infinity program that is running on a network verses running that same program under a Single-User operating environment. However, internally the system is automatically performing what is termed **"File and Record Locking"** procedures to protect the integrity of your data files, while not requiring the user to do anything different than what would normally be performed while operating single-user on a single computer.

In order to appreciate the need for **"file and record locking,"** you should understand the general concepts of how information is handled by a network. The following explanation draws an analogy between a **"two bookkeeper"** manual accounting system and a **"two user"** computerized/networked accounting system.

In our discussion here, we will use the Accounts Receivable accounting cycle to illustrate the differences between performing the same tasks manually and performing them on a computer network.

Definitions:

- All information is stored in a central location in both environments. A manual system would use a file cabinet while the computer system uses a disk drive *(fileserver)*.
- The file cabinet contains several groups of related information called hanging file folders. The computer system calls these data files. Examples of data files might include a customer file, a tax rate file, a salesman file, etc.
- Within each hanging file folder are numerous pieces of related information called documents. The computer system treats these as data records within a data file. Examples of data records might include the outstanding invoices and credit memos that a customer may have on their account.

Actual Usage:

The following procedures are typically utilized on a daily basis.

- Each bookkeeper updates the customer files for addresses, phone numbers, credit limits and/or billing terms changes.
- Invoices written to customers and payments received from customers are recorded in each customer's hanging file.

- Customer inquiries and reports are compiled from the information in the customer's files.
- Periodically, old customer information is cleared out of the customer files.

In a manual bookkeeping system, if a bookkeeper **"pulls"** the file for a customer, it no longer exists in the file cabinet until it is returned after any updates occur. Moreover, if both bookkeepers try to **"pull"** the same customer's file simultaneously, each would have to either take just the documents out of the file that they need to use or one bookkeeper would have to wait until the other is done.

Similarly, if one bookkeeper is purging old information out of a customer's file, the other bookkeeper would have to wait until the purging is done. If both bookkeepers simply wanted to read information out of a customer's file or to review a document together, both could do so without interfering with each other.

These manual bookkeeping operations are very similar to the operations required in a computerized system. Any time one user has to wait for another user to be done with a customer's file ***(data file)*** or specific document ***(data record)***, a file or record **lockout** occurs. When the first user is done with the file or record, it becomes unlocked, thus allowing access by the waiting user.

In a manual system, it is easy to police the tracking of who is using what information. A bookkeeper goes to the file and sees that a particular file is being used and either decides to wait until the other bookkeeper is done or simply selects another file to work on.

The **Infinity POWER** products do this type of policing automatically for you. This saves you from having to concern yourself about performing the wrong function at the wrong time and creating an error in the system.

Only if you are performing a function that would be in conflict with another user in the system would you be warned. The level of warning will specifically depend on the exact function you are attempting to perform.

This is where **"file and record locking"** comes in. The system keeps track of the exact type of function you are attempting to perform. This may range from simply doing an inquiry into a customer's account, writing an invoice, or adding a new customer to the file.

Depending on the exact function, the system will make sure that no one else in the system is going to do anything that would create a problem for the data files. There are different levels of locking going on at all times depending on the options being used by different users. If bookkeeper number one was adding a customer to the file, the system would not allow bookkeeper number two to do the same function at the exact same moment since the entire customer file would need to be adjusted to reflect the new addition to the file.

However, as soon as that addition had been made to the file, the second bookkeeper would then immediately be allowed to continue and add her new customer also. The only pause in the system would be for the exact second or two that the files are actually being altered. Typically, **record locks** only occur at the point in which a piece of information is being validated and entered to the data file. This is why you will be allowed to enter an option and input the information, such as the information for a new customer, and not be locked out of that option until you attempt to validate that information to the file.

A **record lock** condition normally occurs when you are trying to access a specific record ***(e.g., customer)*** that has already been opened by another user. If User #1 then decides to write an invoice while User #2 is performing customer inquiries, no conflicts or warning message would appear in the system.

However, if User #2 then goes to the option to change customer information and calls up Customer Number 1200 while User #1 is writing an invoice to the same customer, the system will perform a record lockout to keep User #1 from accessing that customer until User #2 is finished.

This however, does not stop User #2 from going to another customer and performing changes. The system has then performed a record lock and not a file lock that would keep anyone out of the file entirely.

The file lock could occur for instance, when User #1 would perform the option to "***start new files for the new fiscal year."*** Since the data files from the old year are being copied to an entirely new set of files for the new year, you would not want changes being made to the old files once the procedure began. This is a perfect example of when a complete file lockout ***(or Absolute Lock)*** would occur. Other examples of times when a file lock would occur include the options to **"pack files"** and **"remove completed sales orders."**

Again, the system will do all of the tracking automatically. Warning messages will simply appear on your screen to inform you of the type of locking procedures that are being implemented. You will find, however, that many times the locking and releasing procedures are implemented so quickly that no message will even appear.

This, in part, will be decided by the type of network configuration you select when installing the system. The system allows you to decide whether you want to be warned immediately of a lock out condition or to have the system retry for approximately **6-10** seconds before warning you. The second option is generally recommended for all users since most updates of files takes no more than two to five seconds, depending on your configuration. The key to a Network/LAN system is that more than one user may access the same programs and the same data files simultaneously and perform their daily routines without worrying if their actions could damage the system in any way. The software does all of these functions automatically and quickly so that processing may continue at a very high speed without jeopardizing the integrity of your information.

Locking/Types Warning Messages

This section outlines the overall instances when certain locking conditions occur under Network/LAN configurations. These are intended as a guideline only, since the programs have been specifically designed to perform certain locking levels on an option-by-option basis for optimum processing capability. In addition, a section discussing warning messages and what to do in a lock out situation is covered here.

Locking Types

Throughout all of the **Infinity POWER Windows** modules, there are four basic types of locking that take place. Depending on the option that has been selected, the system will automatically implement the proper locking type. This eliminates the necessity of the user to concern himself that the particular function he is performing will cause problems for other users in the system.

The four lock levels performed throughout the system are:

- **Inquiry Lock**
- **Record Lock**
- **File Lock**
- **Absolute Lock**

Lock Level	Description
Inquiry Lock	This is the primary lock mode that is being implemented while performing inquiries upon customers, vendors, employees, inventory items, etc. and while you are printing graphs and reports. This lock level **will not** stop another user from performing any other function within the system, but basically keeps track of each user and what function they are performing in the system.
Record Lock	This is the lock level that protects a specific record in a file while updates or changes are being made to that particular record. This lock level is primarily implemented during the posting of transactions ***(invoice writing, journal entries, recording of inventory receipts, etc.)*** and while making changes to the master file. This lock level will not keep other users from posting other transactions or making changes to the master files, except for the specific record that has already been called up. For instance, if User #1 wants to write an invoice to customer #1200 while User #2 has already called up the same customer in the **"Change"** mode to change their address, User #1 will be locked out of that customer's file until User #2 either validates the changes he has made or **ESCAPES** from that customer. Once User #2 does either, User #1 will have immediate access to proceed with that particular customer. The changes made by User #2 will be immediately reflected on User #1's screen. If User #1 did not want to wait for User #2 to finish, he may **ESCAPE** and proceed to work with another customer. Record Locks only protect a single record in the file and do not prohibit the use of other records in the same file.
File Lock	This Lock Level protects an entire file from being altered at the same time. File Locks protect the files from being changed by more than one user simultaneously. A File Lock will normally occur at the point where information is being validated into the system. This lock will only allow one user to make a validation to a file at one time. A validation could include adding new customers, deleting account numbers, or copying inventory items. It is not at the point where you are entering the information that the files are locked, but when you finally make your entries and are ready to **"Press ENTER to validate"** or **"Click to Save"** and actually do it that the file lock will be implemented.

Absolute Lock	Absolute Locks are designed to keep any other users from having access to the particular data file you are currently working on. This type of protection is necessary when major changes are being made to the file structures. Options that would require this kind of protection would include ***"Starting New Files from Scratch," "Starting a New Year's Files,"*** and ***"Consolidating Entities"*** in the General Ledger program. These options cannot allow any changes to be made to the files until these options are fully executed. Otherwise, the integrity of the information would be highly jeopardized. The following chart outlines what types of locks are implemented when two users are selecting options that require a specific lock level. For instance, if User #1 on the left executes an option that requires an inquiry lock, then only if User #2 on the top is performing an option that would require an Absolute Lock would User #1 be locked out of the option. However, if both users are executing options that require File Locks, then the first user in will lock the other user out.

Warning Messages

Selected from the normal warning messages issued throughout the system, the following warning messages are the most common to be encountered while operating in a Network/LAN environment.

Error Code	Description/Solution
#20 - Disk Access Error	You are attempting to access a disk drive which has one of the following invalid parameters: **1) The drive does not exist** **2) The disk is not mounted properly** **3) Hardware/Media problems exist** Please inspect the specified disk drive.
#40 - File is Not Shareable	This message will appear when attempting to: Access a data file which is not shareable
#41 - File Already Locked	You are attempting to update a data file which is currently being updated by another user. When the other user is done with this data file, the system will allow you to access this file. Press **ENTER** to continue the access attempt; or press **ESC** to proceed with other processing. **NOTE:** Do not press **ESC** if entering transactions. Part of the transaction will not be updated.

#42 - Record Already Locked	You are attempting to update a data record which is currently being updated by another user. When the other user is done with this data record, the system will allow you to access this file. Press **ENTER** to continue the access attempt; or press **ESC** to proceed with other processing. DO NOT press **ESC** if entering transactions. Part of the transaction will not be updated. **NOTE:** Pressing **ESC** when you get a lock out condition is normally all right. However, as noted above, if you are posting transactions such as a journal entry, as the updates to the file are being made, one account may be accessed by another user when you choose to validate your entry. If the system starts posting to other accounts and then receives the lock out condition, you **DO NOT** want to exit at this point. You must complete the full update to keep from throwing your whole Chart of Accounts out of balance. You must wait until the other user has unlocked the record, and press **ENTER** to continue the update.
#43 - File in Use	You are attempting to perform major file maintenance while another user is accessing the file. While you perform the current option, no other users are allowed to access this file.
#45 - File is Read Only	You are attempting to write data to a file which can only be read. Normally, this error is caused by the improper configuration of a Network/LAN operating system. Please note that at the point in which a warning message appears on your screen with a lock out condition, you may either press **ESC** to exit or press **ENTER** to continue. If the lock out condition still exists, the same message will again appear to you. If you continue to try and still get the same lock out condition after **3-5** attempts, physically check with other users in the system to verify that someone has not tied up a record or file and left their station unattended.

Printer Setup in Windows 2000/XP/2003/Vista/Windows 7 *(Windows Character-based Version)*

Local Printers ONLY:

1. <Click> the **Start** button, the select **Settings>Printers**. Double click on the printer you will be using in conjunction with the **Infinity POWER** programs.
2. <Click> on **Printer>Properties** and the printer's property window displays (Figure 47).
3. <Click> on the **Details** tab and the following screen will appear.
4. <Click> on **Port Settings** and make sure that the **Spool MS-DOS** setting is unchecked.

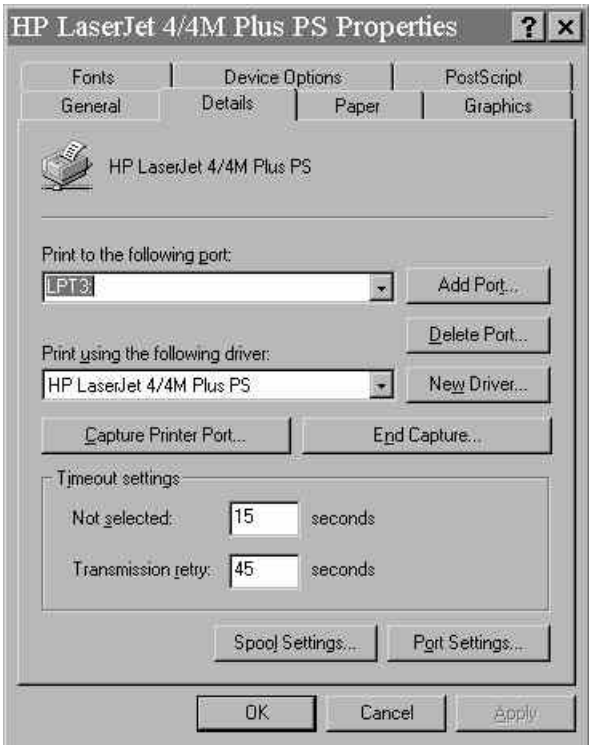


Figure 47 Printer>Properties>Details

5. Select the printer that begins with **LPT1, LPT@**, etc. For network printers, the syntax would be \\server name\printer name. Click on the **Spool Settings** button. The Spool Settings window displays.

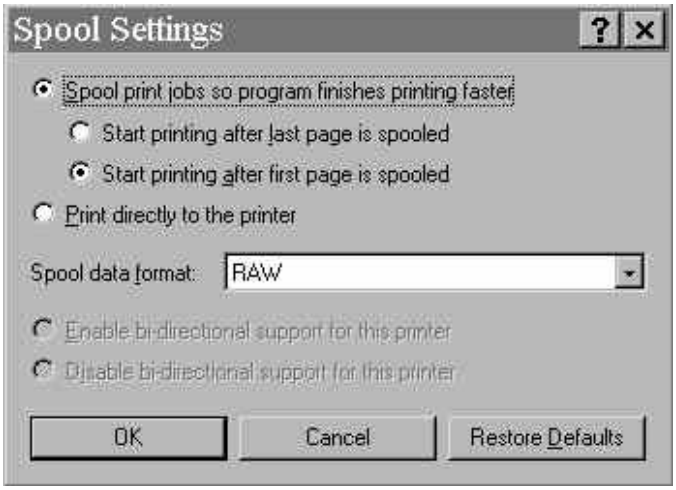

Spool Settings
Spool print jobs so program finishes printing faster
Start printing after last page is spooled
Start printing after first page is spooled
Print directly to the printer
Spool data format:
RAW
Enable bi-directional support for this printer
Disable bi-directional support for this printer
OK
Cancel
Restore Defaults

Figure 48 Spool Settings

6. Select **Spool print jobs** so the program finishes printing faster with either setting and be sure the Spool data format is set to **RAW** not **EMF**.

7. <Click> the **OK** button and then **Apply**.

CBSQLCVT.EXE

This utility is used to convert from the **CodeBase** version to the **SQL** operating platform and vice versa. This will allow you to convert all **DBF** files to tables in the database system.

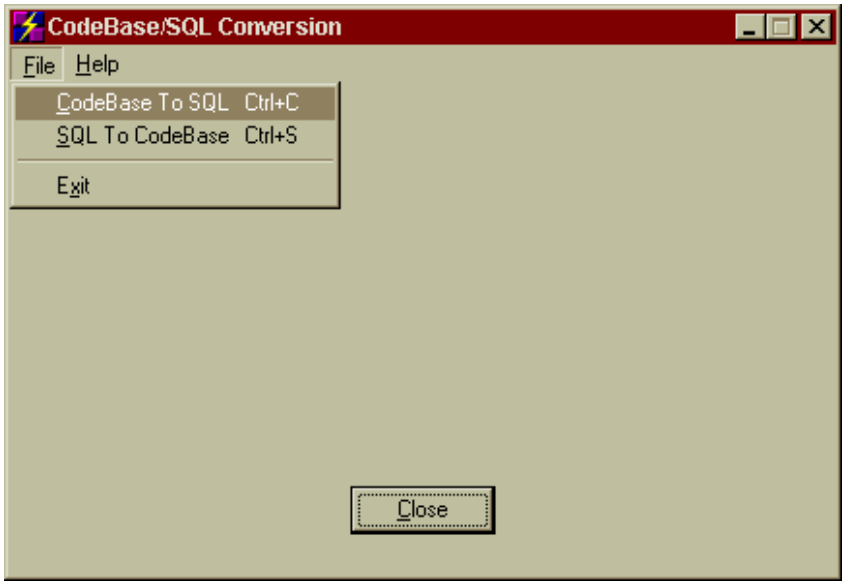


Figure 49 CodeBase SQL Conversion Window

In all cases, either new installs or upgrades to a **SQL**, you will need to convert the system files to tables.

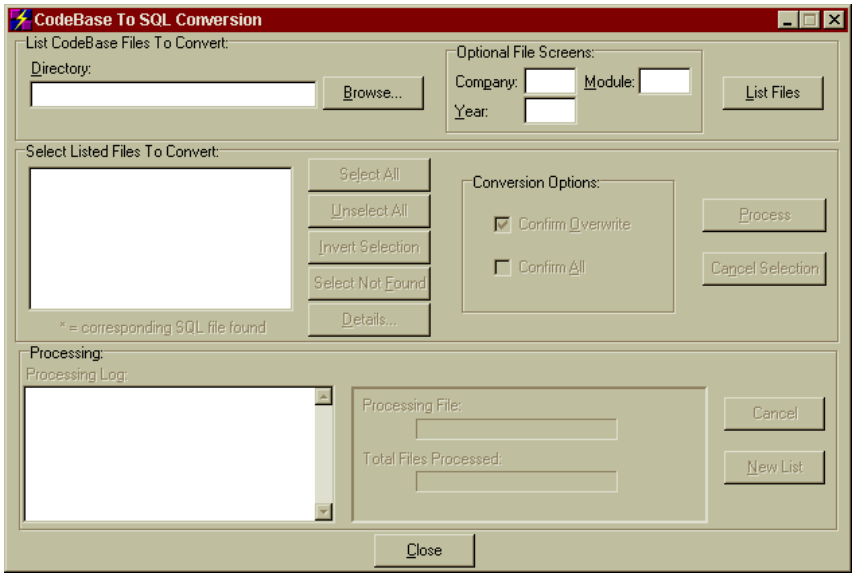


Figure 50 List CodeBase Files to Convert Window

These system files are located in the **Infinity POWER** program directory. By default, that would be, **C:\POWER.** Select all the files beginning with **"sys"** and convert them. Also, select the file **"printers.dbf"** and convert that file as well.

Specifying the proper directory will populate the window labeled **"Select Listed Files To Convert."** The **"Conversion Options"** specifies the following:

Confirm Overwrite YES (checked)	Allow this utility to notify you to confirm overwriting the destination files.
Confirm Overwrite NO	Allow this utility to automatically overwrite the destination files.
Confirm All YES (checked)	Allow this utility to automatically assume **"YES"** to overwrite every file.
Confirm All NO	Allow this utility to ask you each time **"YES"** or **"NO"** to overwrite every file.

The **"Optional File Screen"** section of this utility allows filtering on all files listed in the **"Select Listed Files To Convert"** section. This may also be considered as a **"masking"** tool.

When converting the data, it is important to convert the data in the following order:

- The POWER directory
- The DATA directory
- The DPSS directory

For new installations, you will want to convert the **INS Sample Company** Files. These files are located in the **C:\POWER\DATA** directory. Select all files beginning with **"INS"** in this directory and convert them.

In the case of an upgrade from **CodeBase** to **SQL**, you will need to convert all security files for all companies used in the **Infinity POWER** system. Convert all files located in the **C:\POWER\DPSS** directory.

You will also need to convert all data files for all companies in the **Infinity POWER** system. These data files are normally located in the **C:\POWER\DATA** directory. Select and convert all data files for all companies.

Once completed with this set of instructions, **SQL** can now be accessed.

STAY CURRENT WITH DP/UPDATE

All **Version 6.3 and higher** users will find a great utility located in their program directory designed to help them keep up to date with the latest features, fixes, and enhancements from **Data Pro Accounting Software**. It's called **"dpupdate!"**

1. If you have already loaded the programs, you can then load this new software utility by clicking on **Start> Run>Browse** then select the drive and then the **Infinity POWER** program directory (i.e. c:\power).
2. <Double-click> on the **dpupdate** utility icon. Once loaded, the system will automatically prompt the user if it should "check" for updates or "skip" the process.

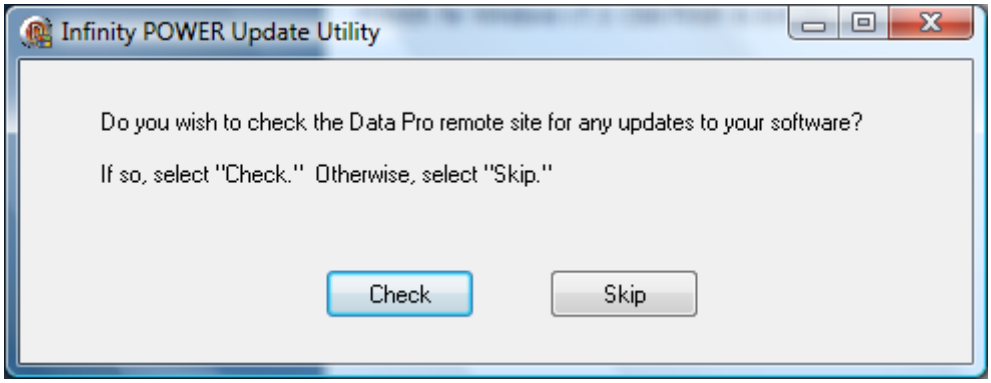

Infinity POWER Update Utility
Do you wish to check the Data Pro remote site for any updates to your software?
If so, select "Check." Otherwise, select "Skip."
Check
Skip

Figure 51 Infinity POWER Update Utility>Check for Updates Window

If your Accounting Server, or workstation with access to the Accounting Server, **DOES NOT** have **Internet** access, the following screen will be displayed.

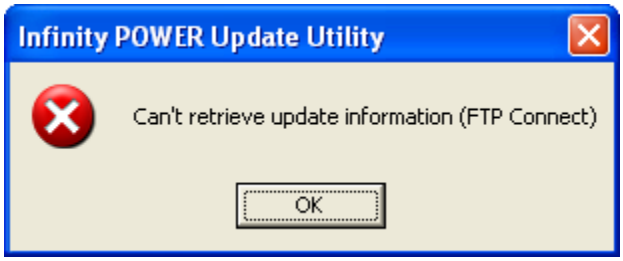


Figure 52 FTP Connect Window

3. <Click> the **OK** button and continue without any checking. If you **DO** have **Internet** access, the system compares the current version you have installed and the latest update available on the **Data Pro Accounting Software** website for immediate download. If there are any downloads available, a screen similar to the one shown here will be displayed on your screen.

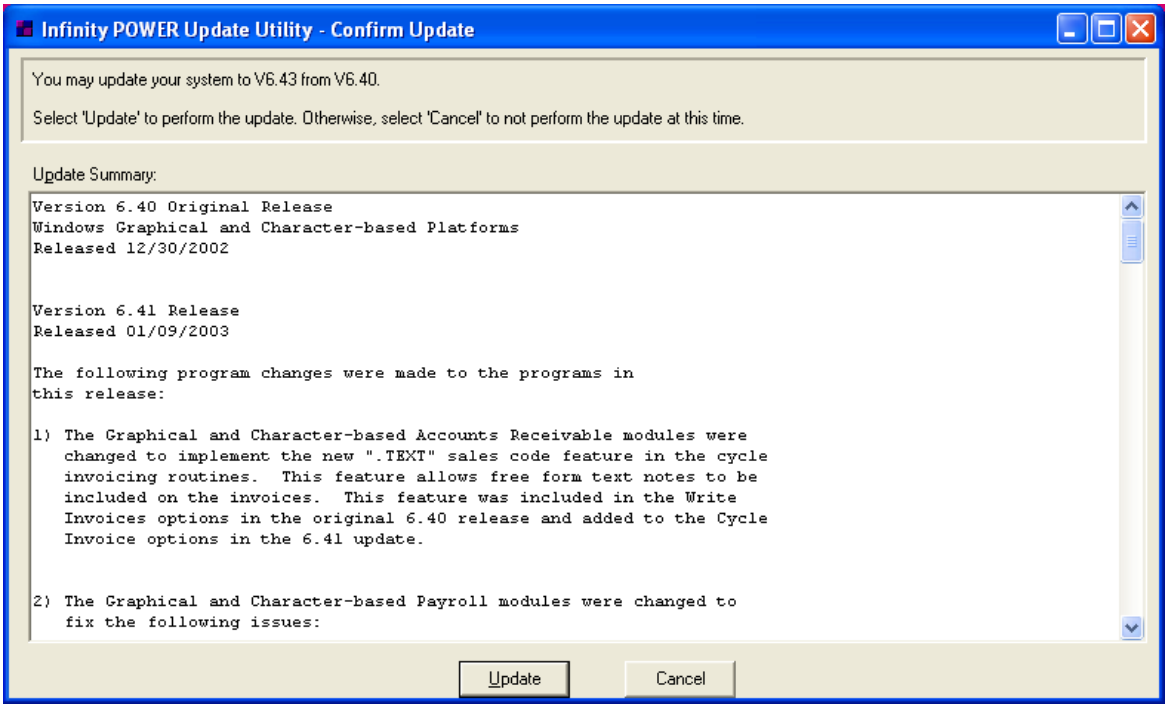

Infinity POWER Update Utility - Confirm Update
You may update your system to V6.43 from V6.40.
Select 'Update' to perform the update. Otherwise, select 'Cancel' to not perform the update at this time.
Update Summary:
Version 6.40 Original Release
Windows Graphical and Character-based Platforms
Released 12/30/2002
Version 6.41 Release
Released 01/09/2003
The following program changes were made to the programs in
this release:
1) The Graphical and Character-based Accounts Receivable modules were
changed to implement the new ".TEXT" sales code feature in the cycle
invoicing routines. This feature allows free form text notes to be
included on the invoices. This feature was included in the Write
Invoices options in the original 6.40 release and added to the Cycle
Invoice options in the 6.41 update.
2) The Graphical and Character-based Payroll modules were changed to
fix the following issues:
Update
Cancel

Figure 53 Confirm Update Window

4. If you like the options displayed, you may have your system automatically updated by Data Pro over the web by clicking on the **Update** button. Only the required files necessary to update your system with the latest updates to all of the programs you have installed on your system will be transferred. No Registration Key file is required.

This will allow both users with and without a current Annual License Fee **(ALF)** to update their systems to the latest update of the current version they have installed. This **WILL NOT**, however, update programs across versions. You must have a current **ALF** to receive the latest version of the programs and download them from the Data Pro web site.

If you run this option and you already have the most current set of programs available, the following screen will be displayed:

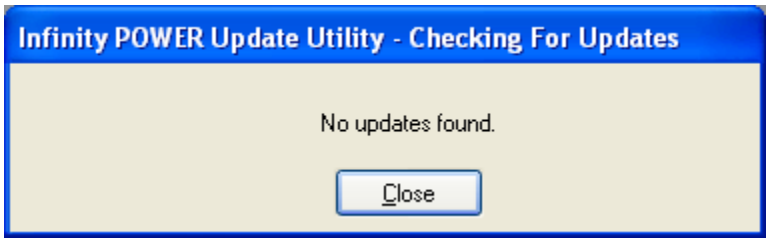


Figure 54 No Updates Found Window

This is one more great benefit and reason for upgrading to the current version. Make sure to stay current with your updates!

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